MBTA Key Bus Route Improvement Program

Community Meeting
Route 39 - Boston

March 2, 2011

Agassiz School
20 Child Street
Jamaica Plain

Agenda

- Welcome and introductions
- Safety briefing/Accommodations
- Route 39 History and Process
- Key Bus Route Program
- Overview and Recommendations
- Schedule and Next Steps

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Project Background

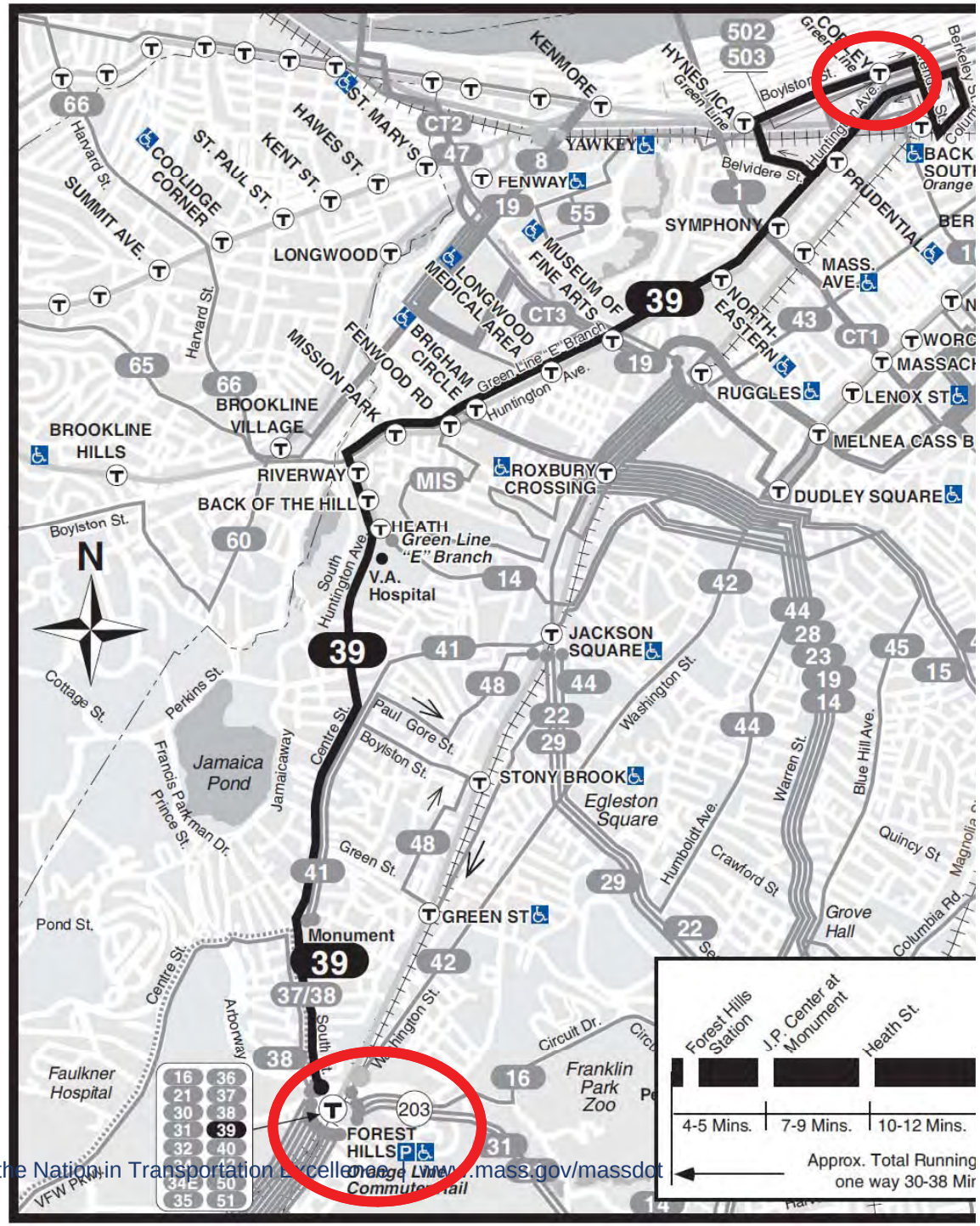
- Fulfills State Implementation Plan Commitment
- Comprehensive Route Improvements
- Developed through a Public Process
- Impetus for Key Bus Route Improvement Program
- Stimulus Funding provides Opportunity to Implement

Process

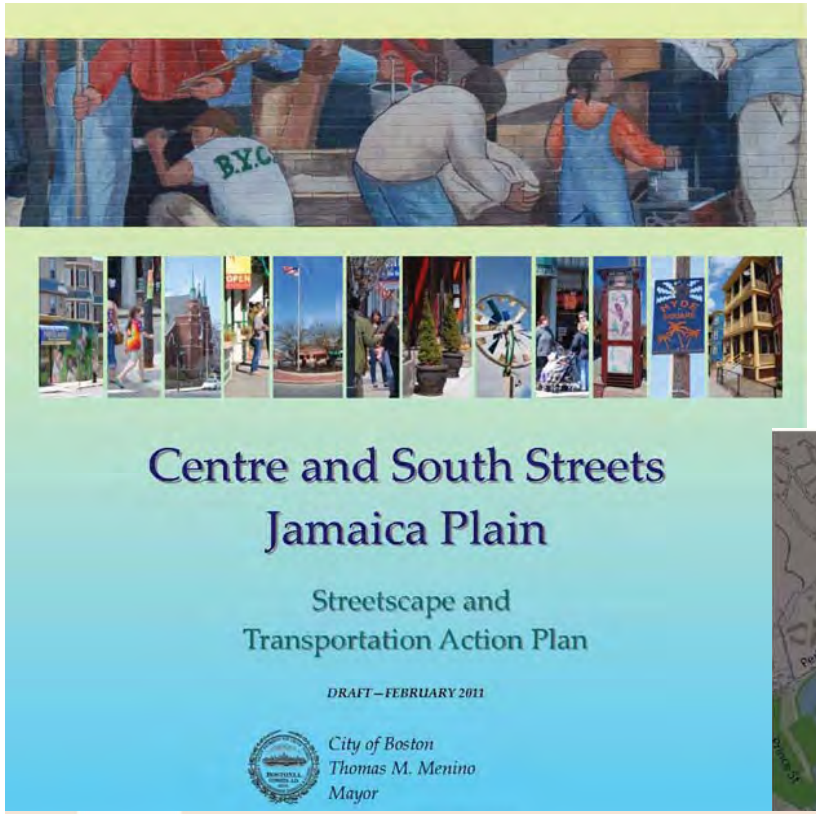
- Public Process
  - Public Meetings (2008-present)
  - Citizens Working Group (Met 7 times)
- Ongoing coordination
  - City of Boston
  - Abutters/Community Groups
  - Centre/South Transportation Action Plan

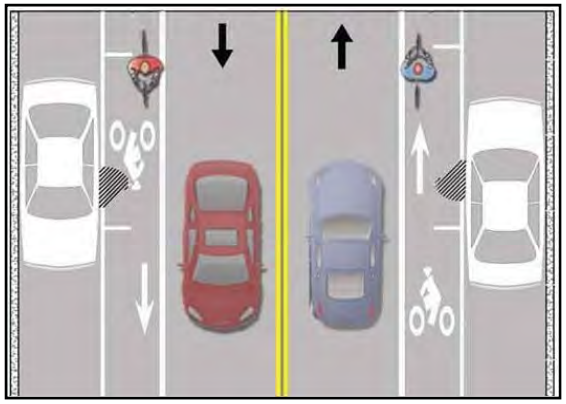
Recent/Ongoing Projects

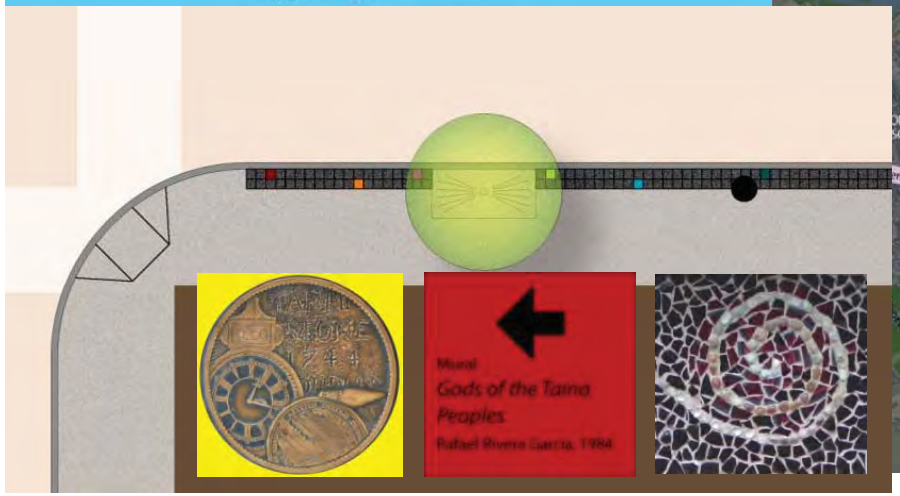
- Copley Station
- Casey Overpass
- Centre/South Transportation Action Plan



Centre/South Transportation Action Plan







ass.gov/massdot

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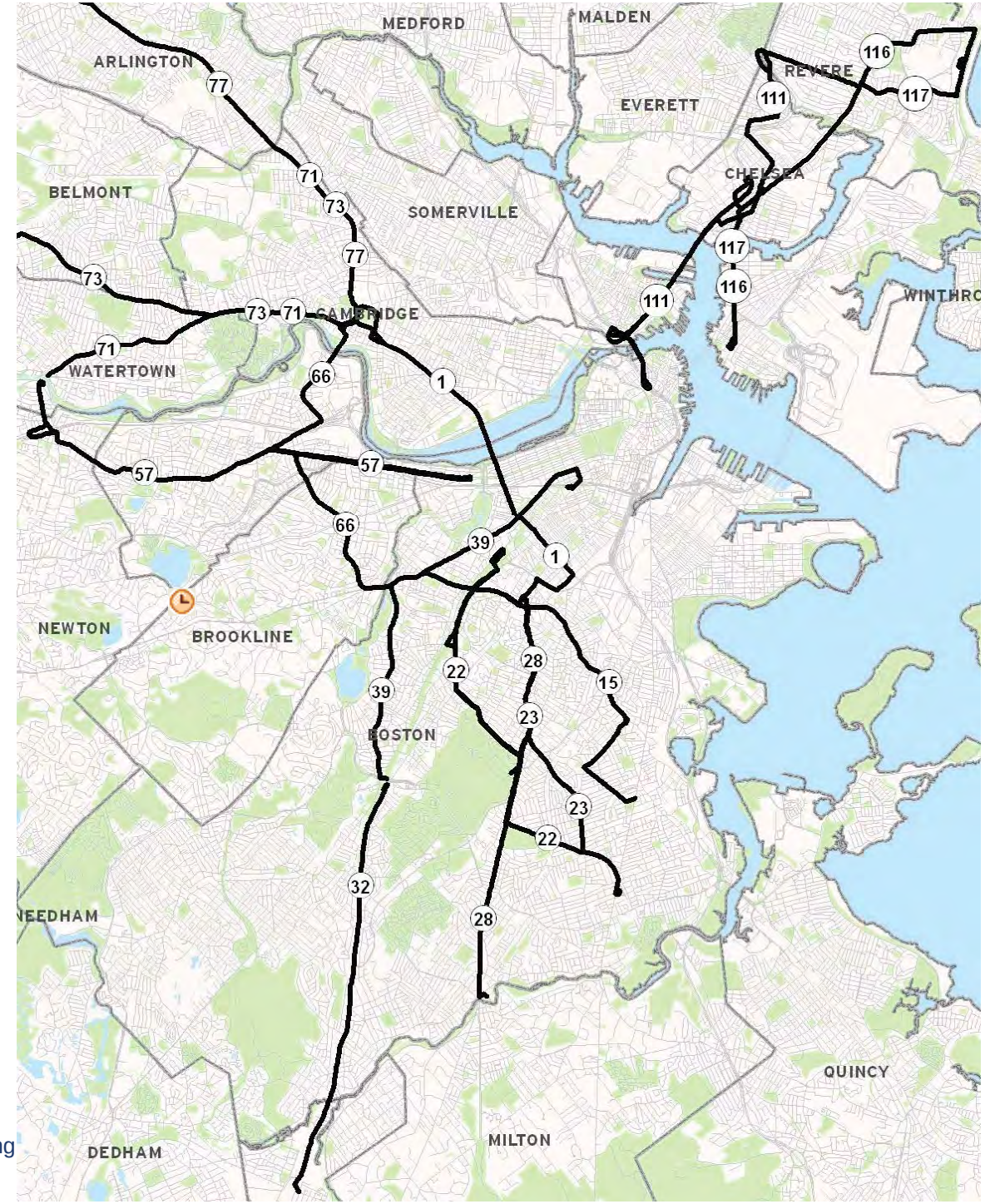
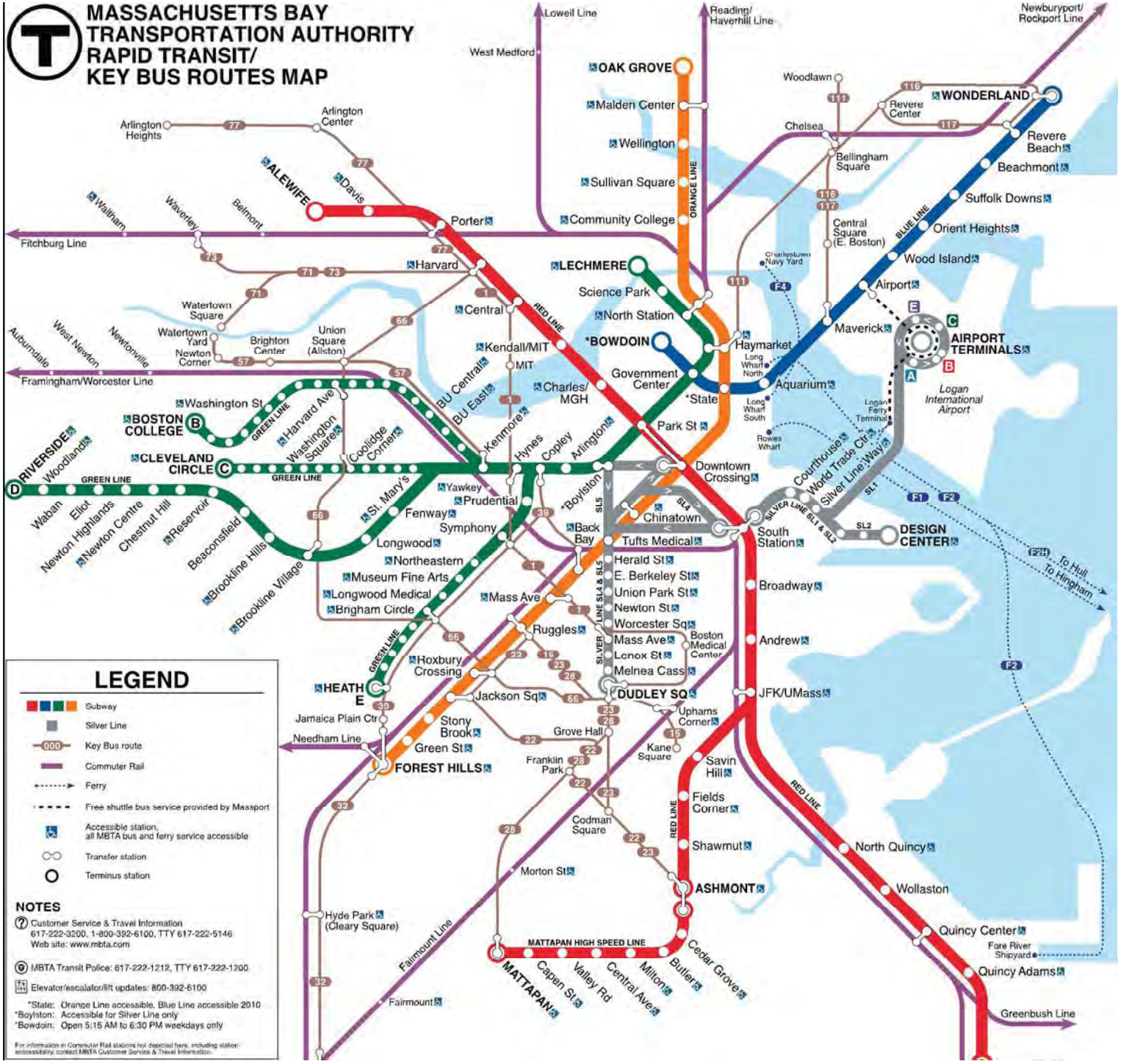
Introduction

- 15 Key Bus Routes
- $10 million funding



Key Bus Routes

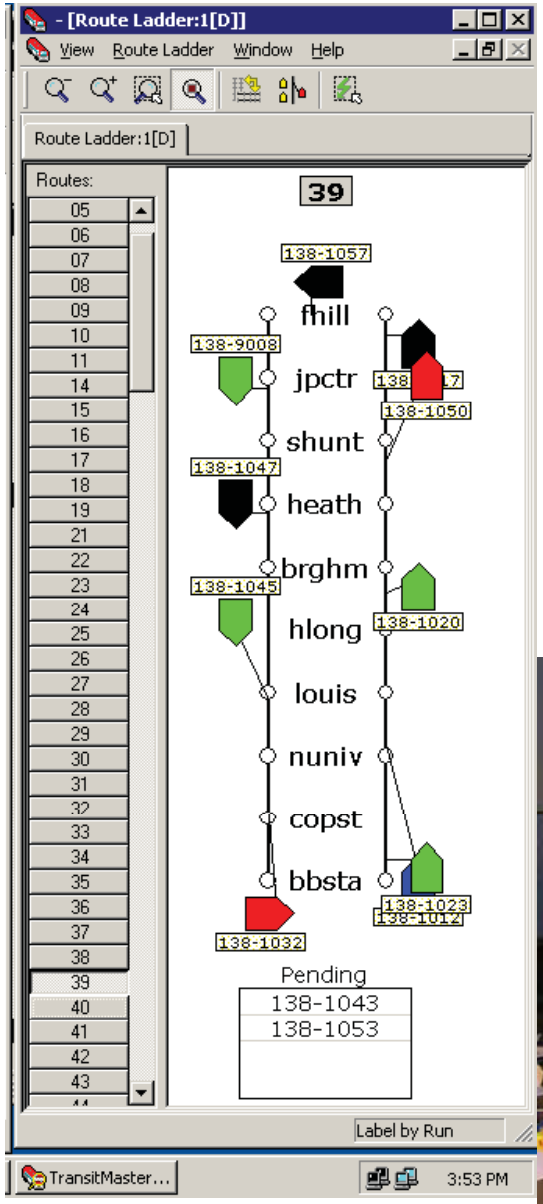


Key Bus Route Goals

- **Greater reliability**
  - less bus bunching, fewer delays
- **Faster service**
  - reduce overall trip times, fewer delays, fewer stops
- **Improved accessibility**
  - for seniors and persons with disabilities, faster boardings
- **Passenger amenities**
  - shelters, benches, signage, trash barrels

Reliability Issues

Improving Reliability



Faster Service

Reduce Overall Delays - Shorten Trip Times

Traffic Signal Improvements

Stop Locations

Reliability Improvements

Fewer Stops

Faster Boarding

Improved Accessibility for Disabled

Legal Mandate

- All bus doors must open at curb
- Deter cars from parking in stops

Providing accessible curb access requires longer bus stops

- Bus Stops must meet Current Guidelines for 40’ buses

Required Bus Stop Lengths - 60’ bus

Farside – 80ft

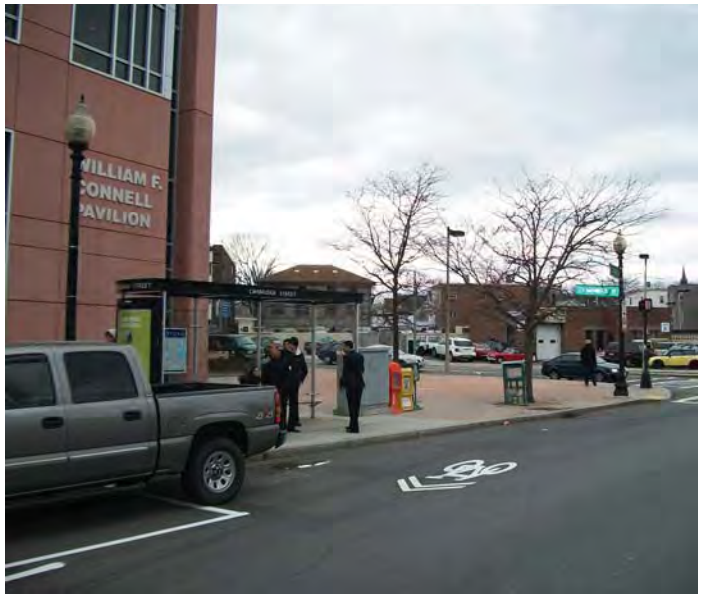
Nearside – 100ft

Route 39 – Current Stops

- Stops as short as 37’
- Over 25 stops are less than 60’ in length

Midblock (or after left hand turn) – 120ft

Add Pavement Markings



Improved Passenger Comfort & Convenience

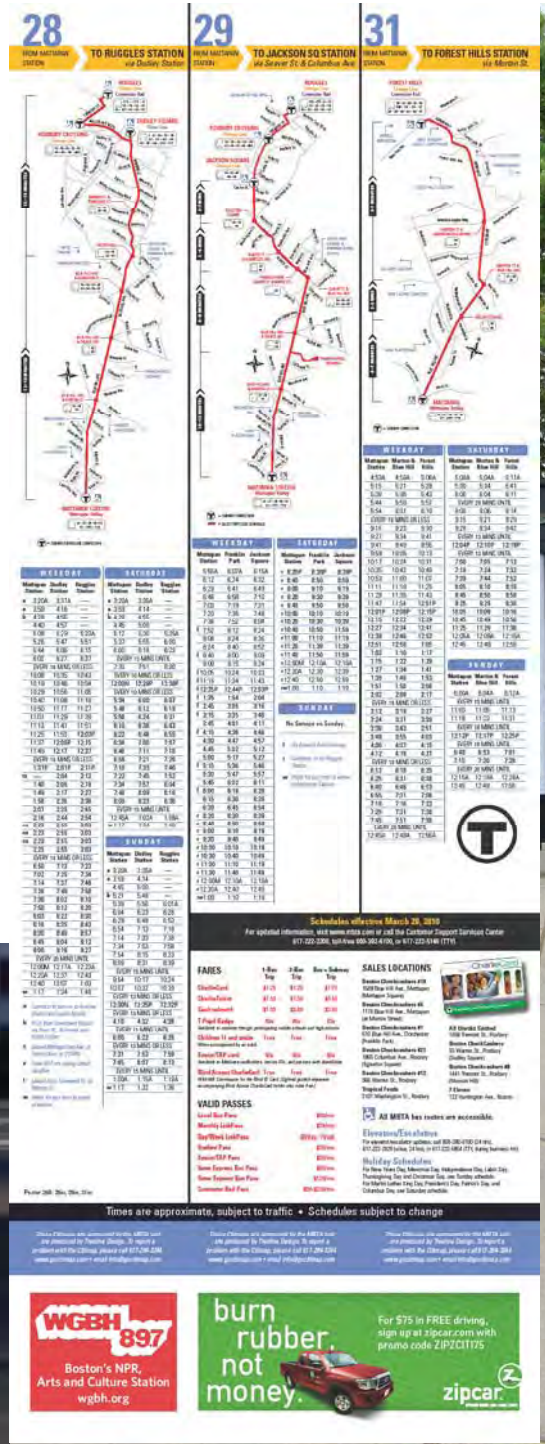
- Install shelters where possible
  - Weather protection, seating, comfort
- New street furniture
  - Shelters, benches, trash barrels

Improving Customer Information

ANYWHERE
Next bus arrives in:
6 minutes
Where's the T?
Using real-time information instead of schedules, new apps tell you where your bus or train is and when it will actually arrive!
How to find an app:
1. Go to MBTA.com/apps
Check out our app gallery to find an app that works for you! Real-time applications are available for smartphones, web, text and your desktop.
2. Search "MBTA" in your smartphone's app store.
There are apps for the most popular platforms. Pick the one you like and download it to your phone!
mbta.com/apps
or search MBTA in your phone's app store

Clear Customer Information

- Sign upgrades
- Schedules at stops
- Maps on buses
- Neighborhood maps



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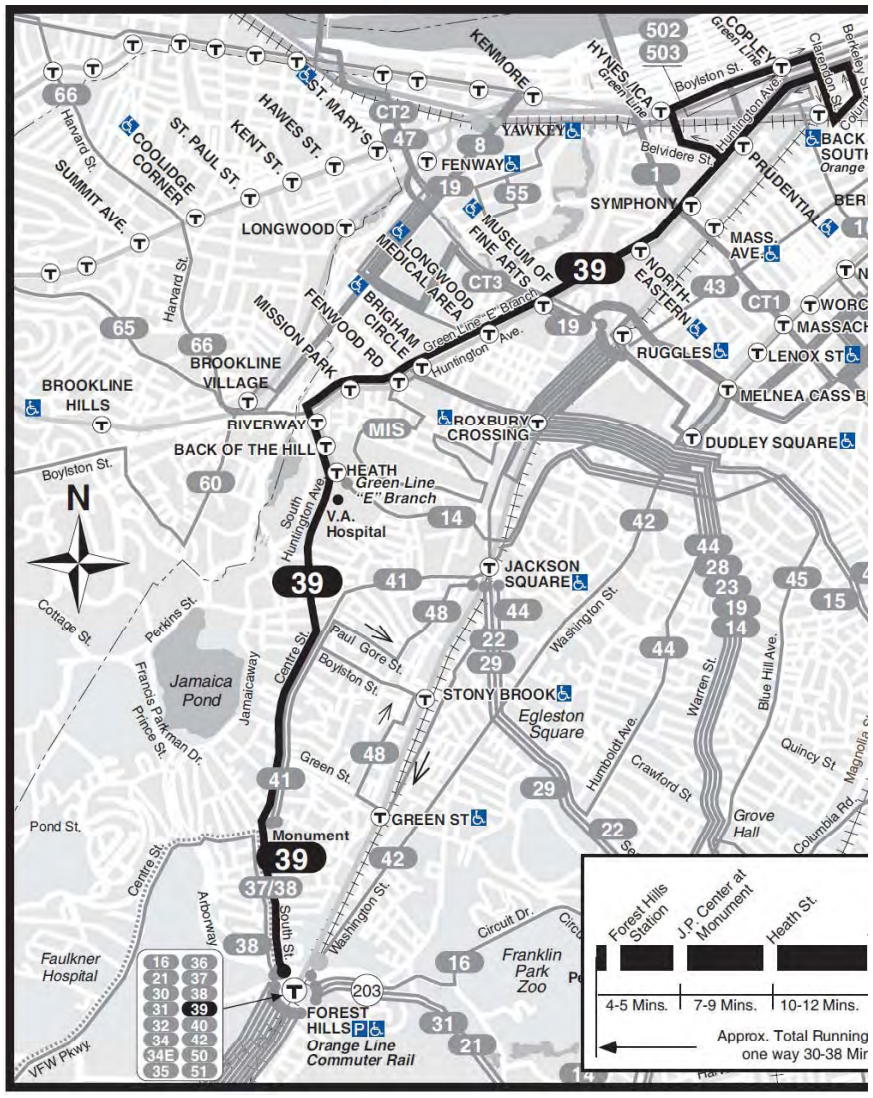
Route 39: Overview

- Forest Hills Station to Back Bay Station
  - Via Forest Hills Station, Monument Square, Heath Street, Huntington Ave, and Prudential
- >5 miles long
  - Run Time Varies by Time of Day (approx. 25-38 min)
- Connects to:
  - Orange, Green (E) Line, Green (B, C, D) Lines, Commuter Rail
  - 28 Bus Routes: CT1, CT2, CT3, 1, 8, 9, 10, 14, 16, 19, 21, 30, 31, 32, 34, 35, 36, 37, 38, 40, 41, 42, 47, 48, 50, 51, 55, 66
  - Key Bus Routes - 1, 32, 66



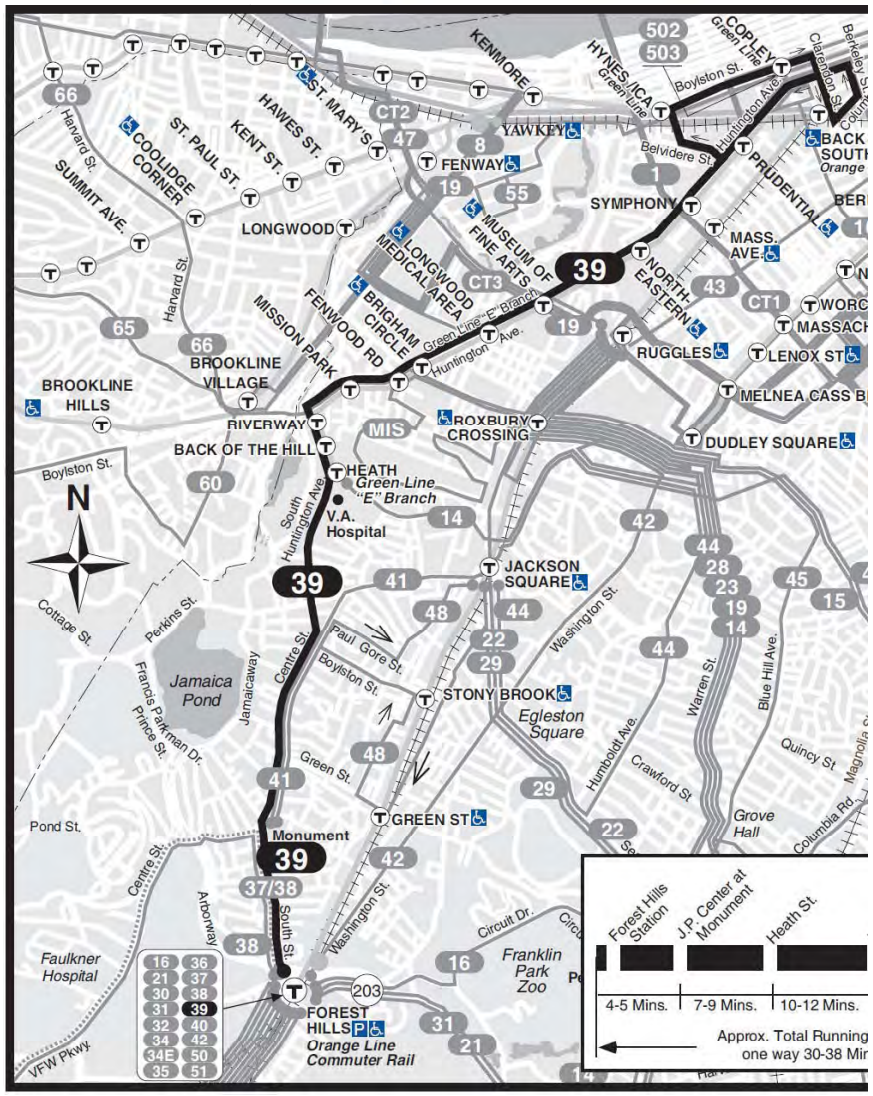
Route 39: Overview

- MBTA's 2nd Busiest Route
  - Over 14,000 daily boardings
- Peak Hour Headways: every 6 minutes
- On-Time Performance: 72% weekdays

Source: MBTA's 2008 Biennial Service Plan

Overall # Stops

- 28 Inbound (To Mass Ave)
- 26 Outbound (To Forest Hills)
- Downtown Loop (9 stops)



Route 39: Issues

- **Bus Stops**: closely spaced
  - MBTA spacing criteria: 4 to 7 stops per mile (750 to 1320 ft)
  - Current Route 39: more than 20 of the stops are within 300 - 600 feet of another stop.
- **Service Reliability**
- **Travel Speed**
- **Corridor width**: single travel lanes
- **Traffic congestion/Traffic Signals**
- **Stops blocked by parked cars**
- **Bus bunching**

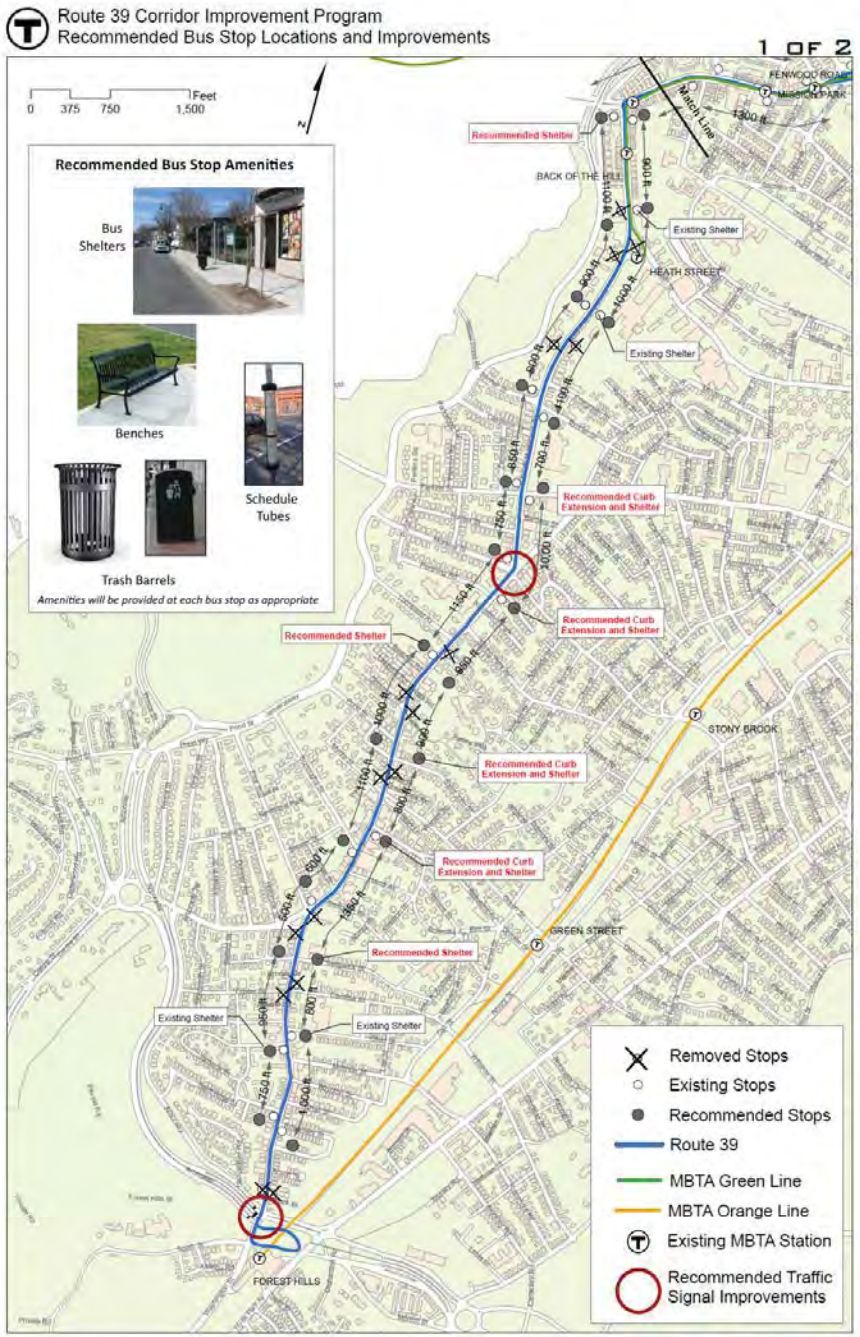
Recommendations

Inbound Stops		Shelter	Bench	Trash Receptacle	Front Sign	Rear Sign	Other Signs	Sign Posts	Area of Sidewalk Reconstruction
South St	St Mark St						n/a		
	Rosemary St	n/a	1	1	1	1	1 P-7AR; 1 P-7AD; 1 S-30	2	n/a
	Child St	n/a	n/a	1	1	1	n/a	2	n/a
	Carolina Ave	n/a	n/a	n/a	n/a	n/a	1 P-7AL; 1 S-22	n/a	n/a
	Sedgewick St	1	n/a	1	1	1	n/a	2	270 sf
	Centre St	n/a	n/a	n/a	1	1	n/a	2	n/a
Centre St	Seaverns Ave	1	1	1	1	1	n/a	2	1900 sf
	Lester Pl						n/a		
	St John St	1	1	1	1	1	n/a	2	1500 sf
	Parley Ave						n/a		
	Robinwood Ave	n/a	1	1	1	1	n/a	2	n/a
	Roseway	1	n/a	1	1	1	n/a	2	1000 sf
S Huntington Ave	Perkins St	1	2	1	1	1	n/a	2	1400 sf
	Bynner St	n/a	1	1	1	n/a	n/a	1	n/a
	222 S Huntington						n/a		
	150 S Huntington	n/a	n/a	1	1	1	n/a	2	n/a
	Heath St						n/a		
	100 S Huntington	n/a	n/a	1	1	1	n/a	2	n/a
	Huntington Ave	n/a	2	1	1	1	n/a	2	n/a
Huntington Ave	Parker Hill Ave	n/a	n/a	1	1	n/a	n/a	2	n/a
	Mission St						n/a		
	Opp Fenwood	n/a	n/a	n/a	1	1	n/a	2	n/a
	Tremont St						n/a		
	Wigglesworth St	n/a	n/a	1	1	1	n/a	2	n/a
	Longwood Ave	n/a	1	1	1	1	n/a	2	n/a
	Ruggles St	n/a	n/a	1	1	n/a	n/a	2	n/a
	Parker St						n/a		
	360 Huntington	1	n/a	1	1	n/a	n/a	2	130 sf
	Gainsborough St	n/a	1	n/a	1	1	n/a	2	n/a

Outbound Stops		Shelter	Bench	Trash Receptacle	Front Sign	Rear Sign	Other Signs	Sign Posts	Area of Sidewalk Reconstruction
Huntington Ave	Gainsborough	n/a	1	1	1	1	n/a	2	n/a
	Opera Pl	1	n/a	1	1	1	n/a	2	130 sf
	Louis Prang St	1	n/a	1	1	1	n/a	2	330 sf
	Longwood Ave	n/a	n/a	1	1	n/a	n/a	2	n/a
	677 Huntington	1	n/a	n/a	1	1	n/a	2	300 sf
	Francis St	n/a	3	n/a	1	1	n/a	2	n/a
	Fenwood Rd	n/a	n/a	n/a	1	n/a	n/a	2	n/a
	835 Huntington	n/a	n/a	1	1	n/a	n/a	2	n/a
S Huntington Ave	Huntington Ave	1	n/a	1	1	1	n/a	2	900 sf
	105 S Huntington	n/a	n/a	1	1	n/a	n/a	2	n/a
	135 S Huntington						n/a		
	Opp VA Hospital	n/a	n/a	1	1	1	n/a	2	n/a
	201 S Huntington						n/a		
	Bynner St	n/a	1	1	1	1	n/a	2	n/a
	Perkins St	n/a	n/a	1	1	1	n/a	2	n/a
	Moraine St	n/a	1	1	1	1	n/a	2	n/a
Centre St	Lochstead Ave	1	n/a	1	1	1	n/a	2	130 sf
	Lakeville Rd						1 S-30		
	Pond St	n/a	n/a	1	1	1	1 P-7A; 1 S-30	3	n/a
	Myrtle St						1 P-7AR		
	Burroughs St	n/a	n/a	1	1	n/a	n/a	1	n/a
	775 Centre St	n/a	n/a	1	1	1	n/a	1	n/a

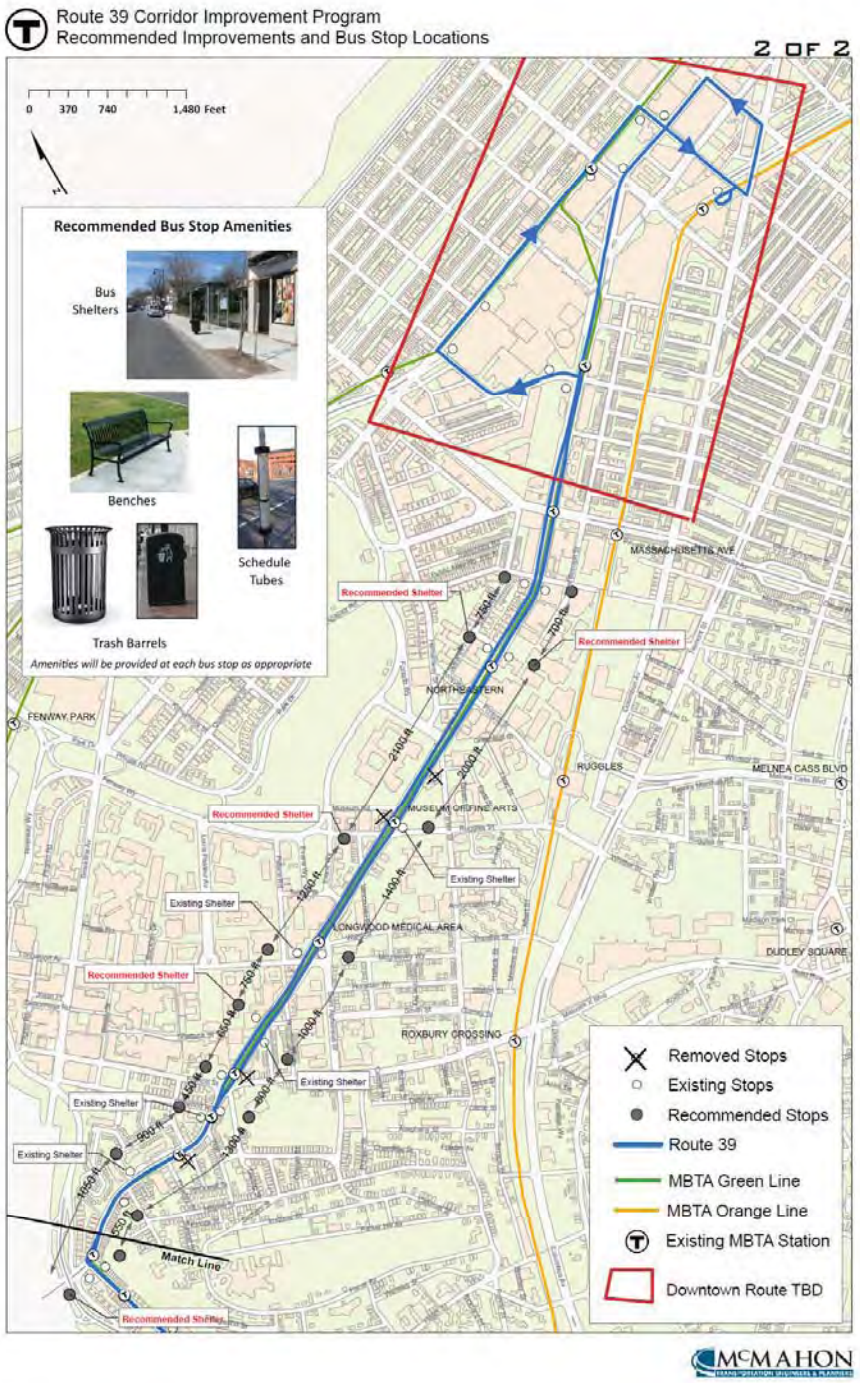
Improvement Plan

- Accessibility: seniors and persons with disabilities
- Adjacent land use
  - Schools, elderly housing
- Curbside use/parking for commercial areas
- Key Shelter Locations



Improvement Plan

- Regular spacing
  - 4 to 7 stops per mile
- Ridership: maintain high ridership locations
- Traffic improvements
- Sidewalk width



Proposed Improvement Plan

Forest Hills – Mass Ave

Improvements

Curb Extensions	4
Bus Shelters	11
Benches	17
Trash Receptacles	34
Bus Stops Marked	44
Sidewalk Improvements	7

Bus Stops

Current (Inb/Outb)	Proposed (Inb/Outb)
28/26	20/22

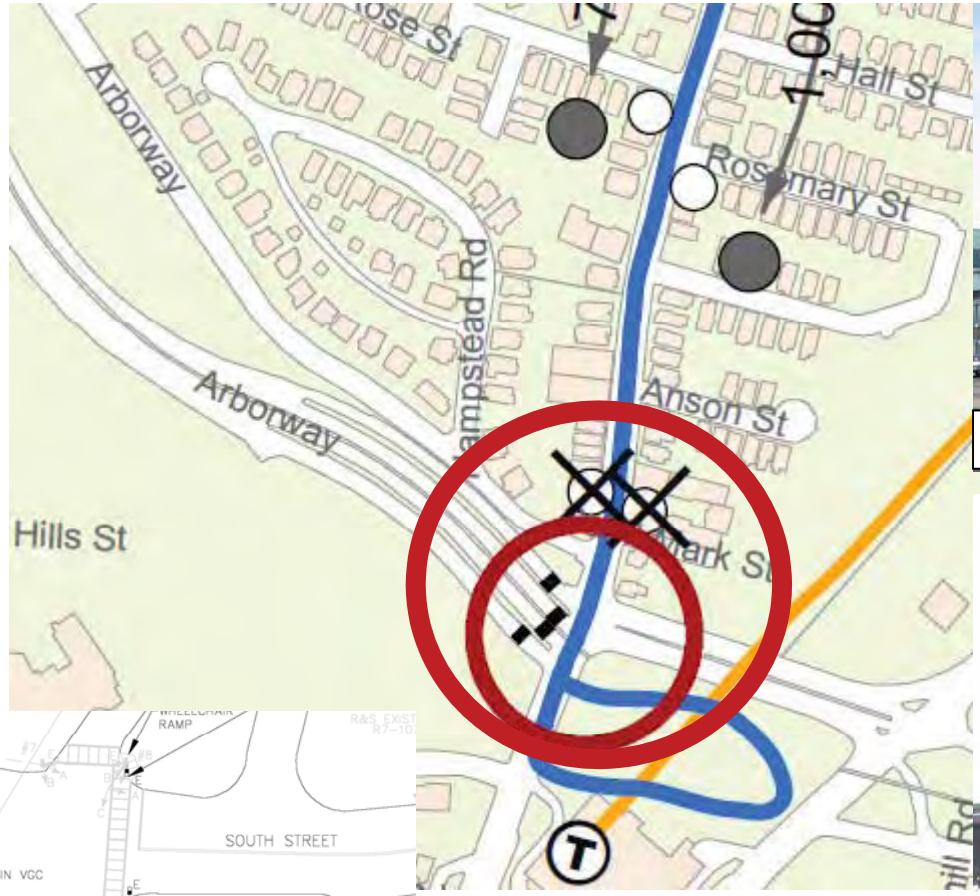
Note: Forest Hills – Mass Ave only

Trip Time Savings (estimated) *2–5 minutes (approx.10% Route savings)*

Trip Savings Time estimated and will vary by run and time of day

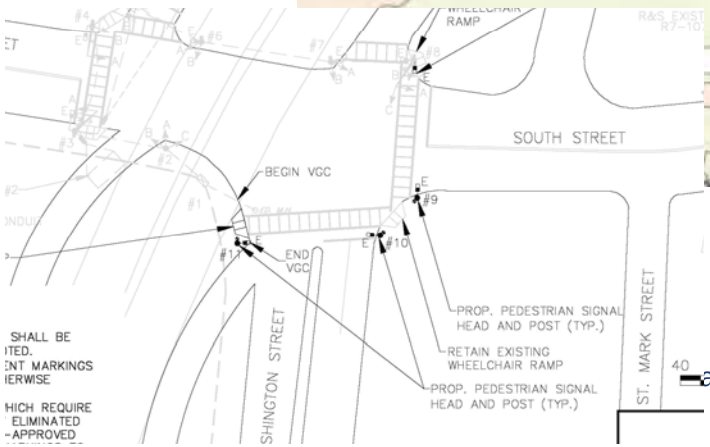
South St at Arborway/St Mark St

Remove IB and OB stops.



Inbound

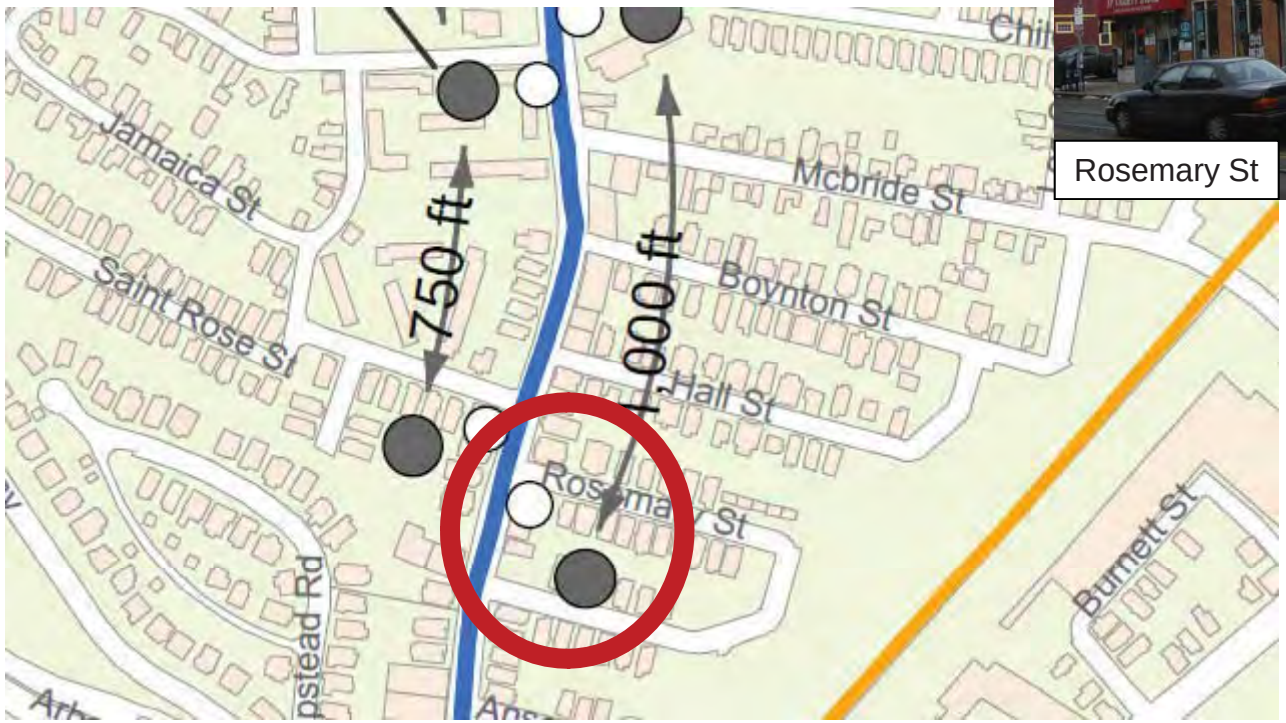
Outbound



South St at Rosemary St/St Rose St

Relocate inbound stop.

Rosemary St



South St at Curtis Hall

Consolidate Stops at Carolina & Greenough House to Curtis Hall. Install shelter and amenities.

South St

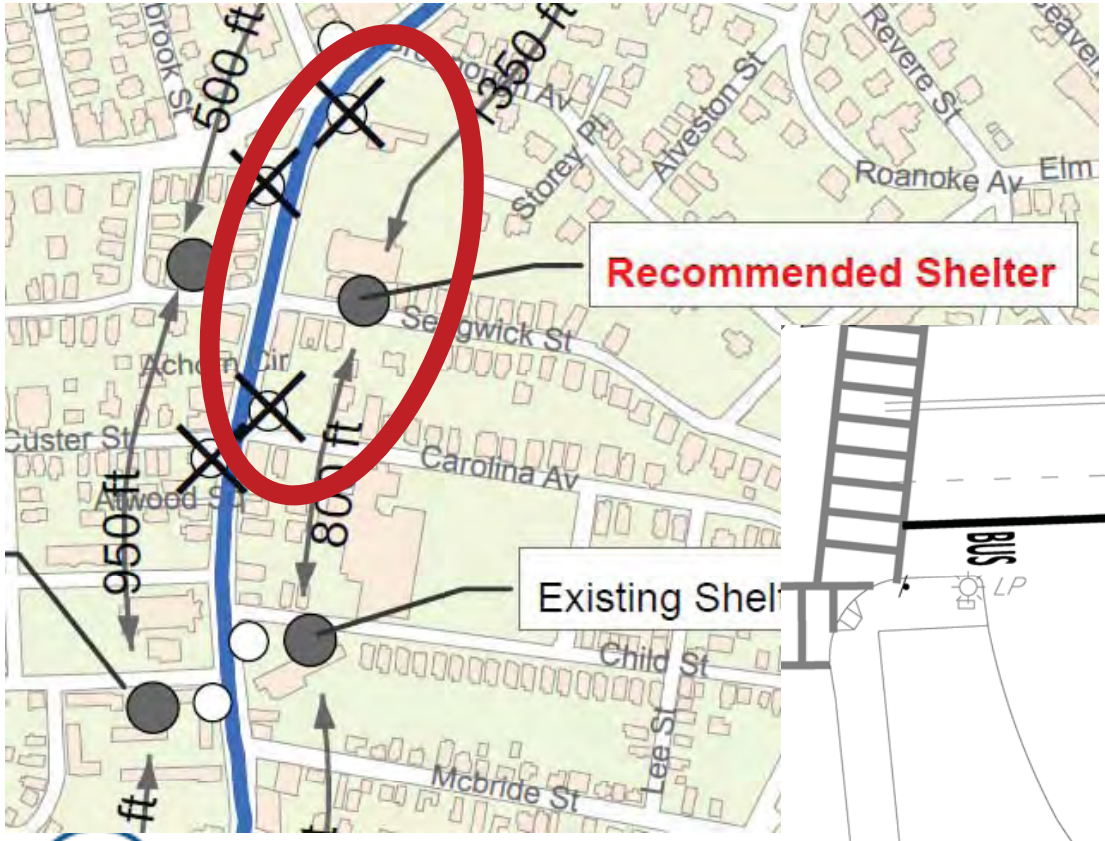
Proposed

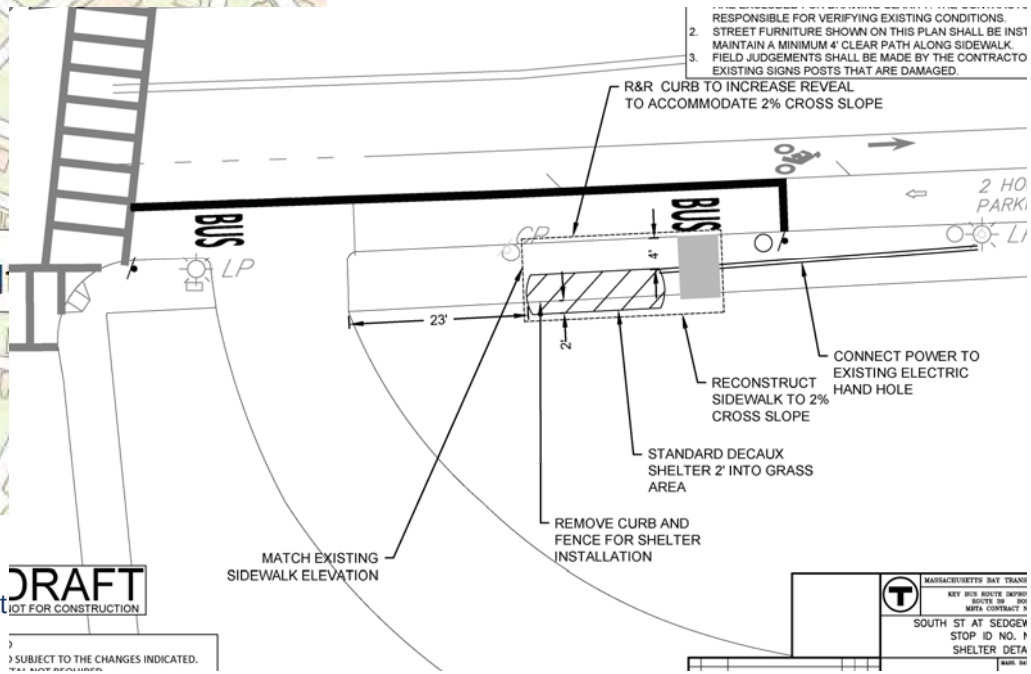
Centre St

South St at Curtis Hall

Consolidate Stops at Carolina & Greenough House to Curtis Hall.

Install shelter and amenities.





South Street at Bardwell

Consolidate Centre St and Custer Street Stops.

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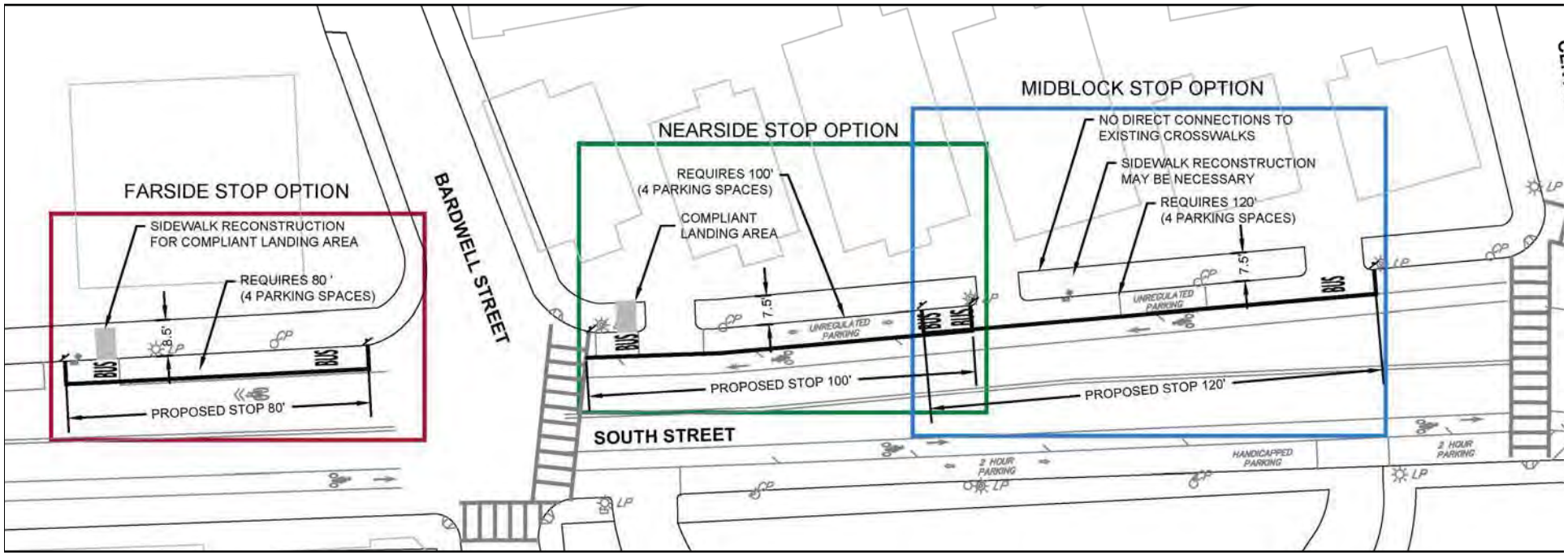
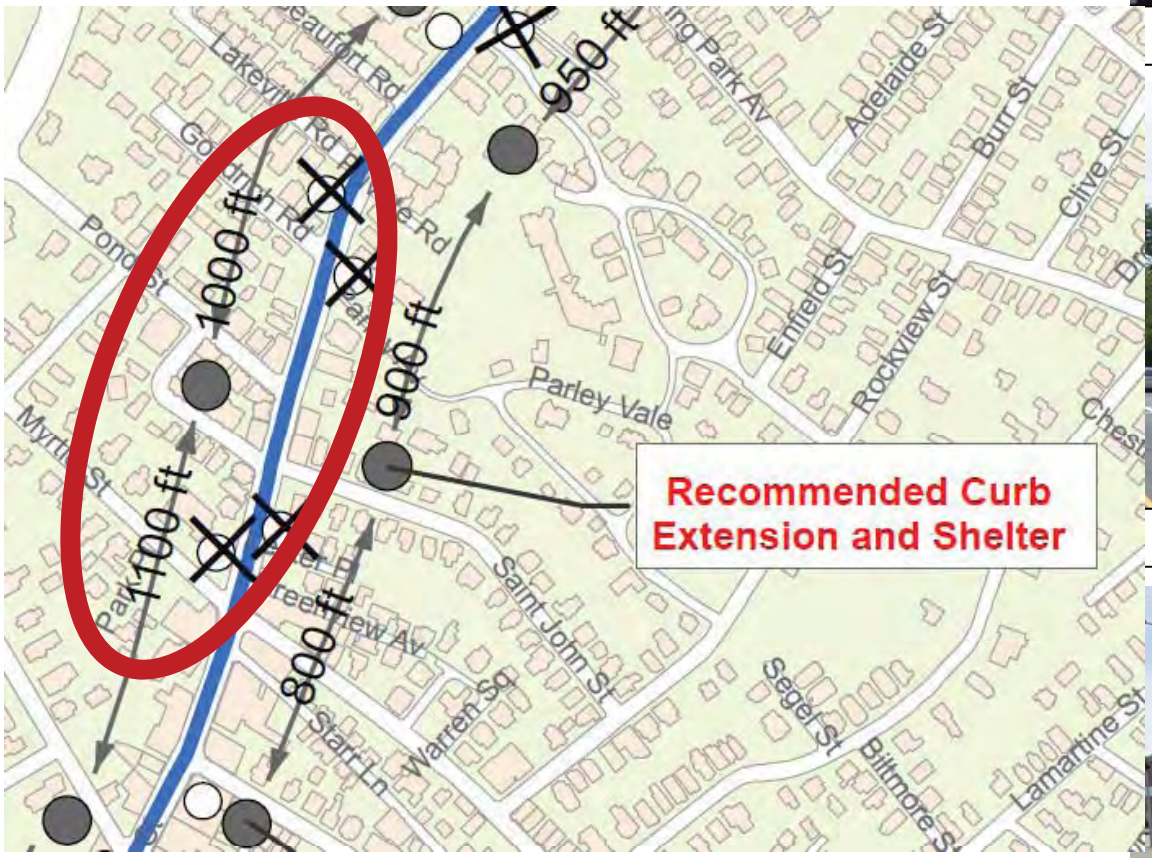


Centre St @ Seaverns Ave – Inbound

Add Curb Extension and Shelter

Centre St at Pond St - Outbound

Consolidate with Lakeville Rd to Myrtle St to Far-Side Pond Street



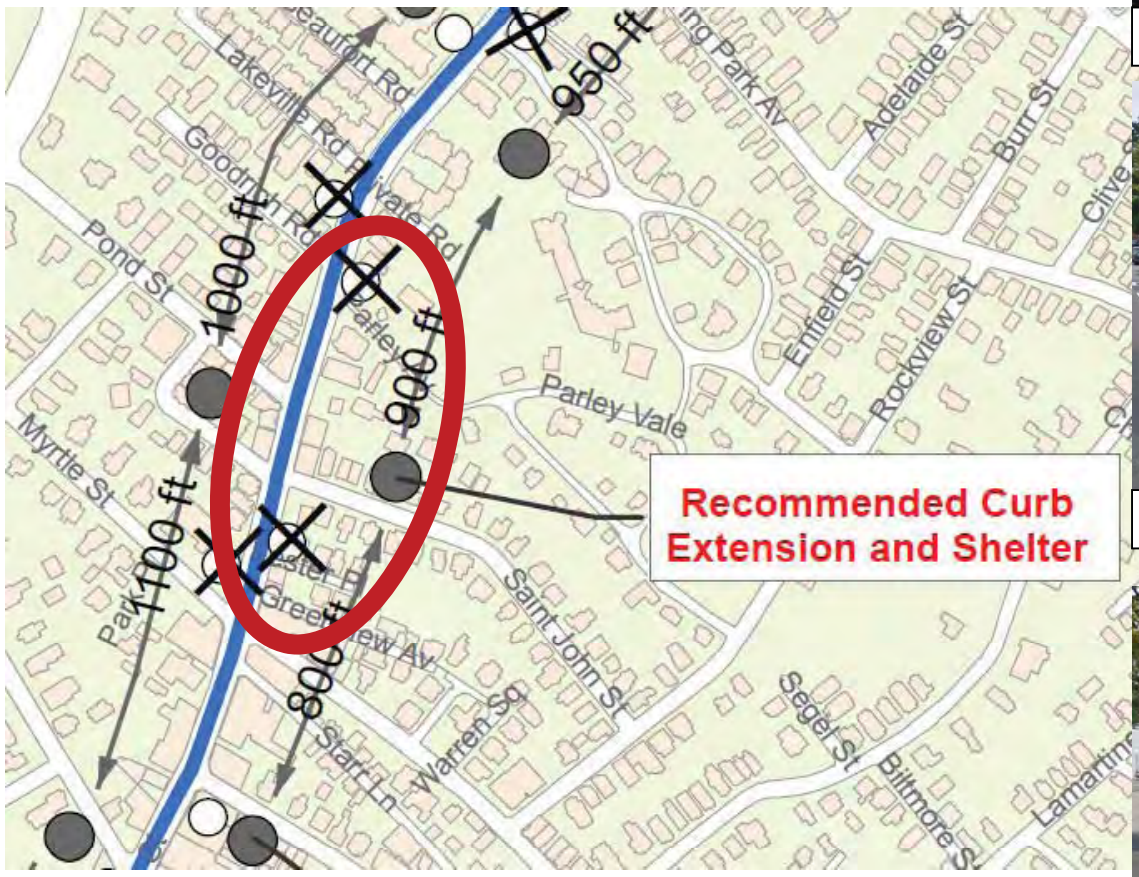
Myrtle St

Proposed

Lakeville Rd

Centre St at St. John - Inbound

Consolidate Parley Ave & Lester Pl.



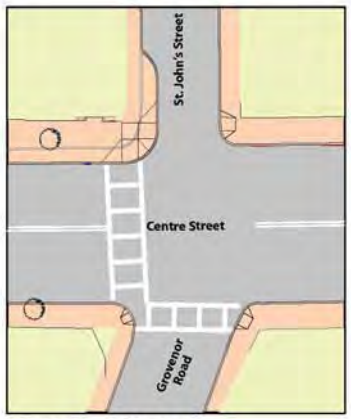
Parley Ave

Proposed

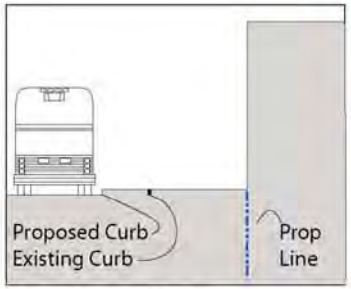
Lester Pl

Centre St at St. John - Inbound

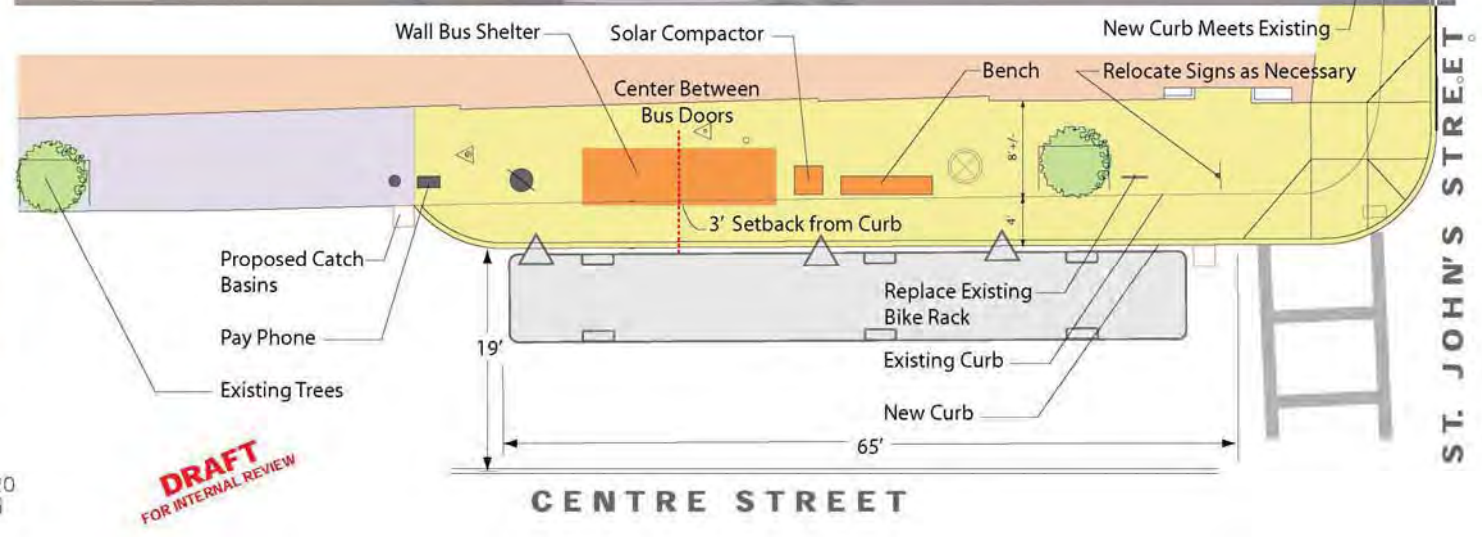
Consolidate Parley Ave & Lester Pl.



Intersection Diagram
NOT TO SCALE



Sidewalk Cross Section



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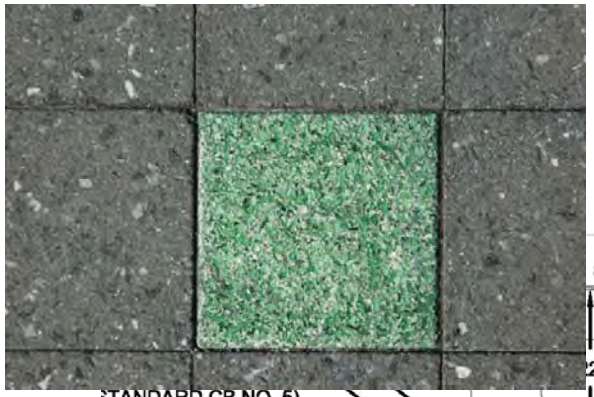
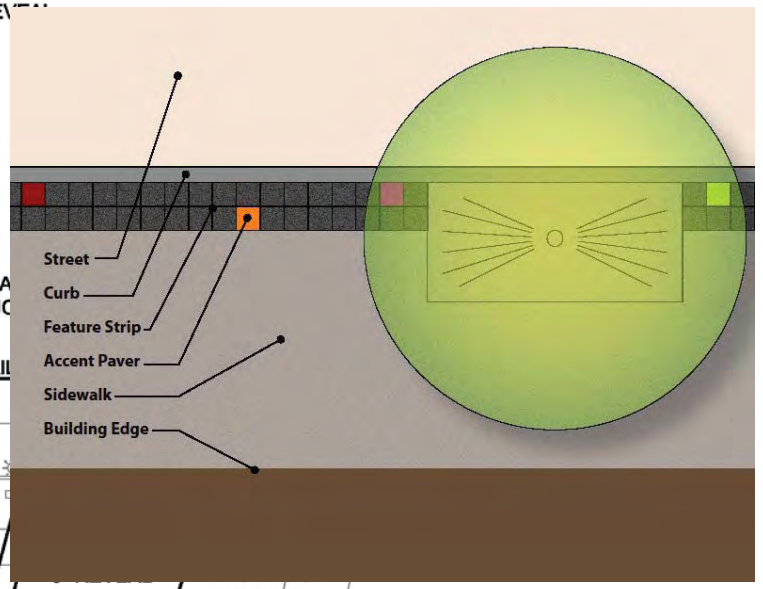
FOR INTERNAL REVIEW

Centre St at St. John - Inbound

Consolidate Parley Ave & Lester Pl





WITH INFORMATION COLLECTED FROM
K OF 10/18/10.
NSTRUCTION DETAILS, SEE SHEET XX.
ROVEMENTS, SEE SHEET G-10

3" CURB REVEAL
+82; 25.8
+82; 30.8' RT
6" CURB REVEAL
7.5%* MAX
1.5%*
H.C. RAMP DETAIL
SCALE 1"=10'
* - 0.5% TOLERA
FOR CONSTRUC

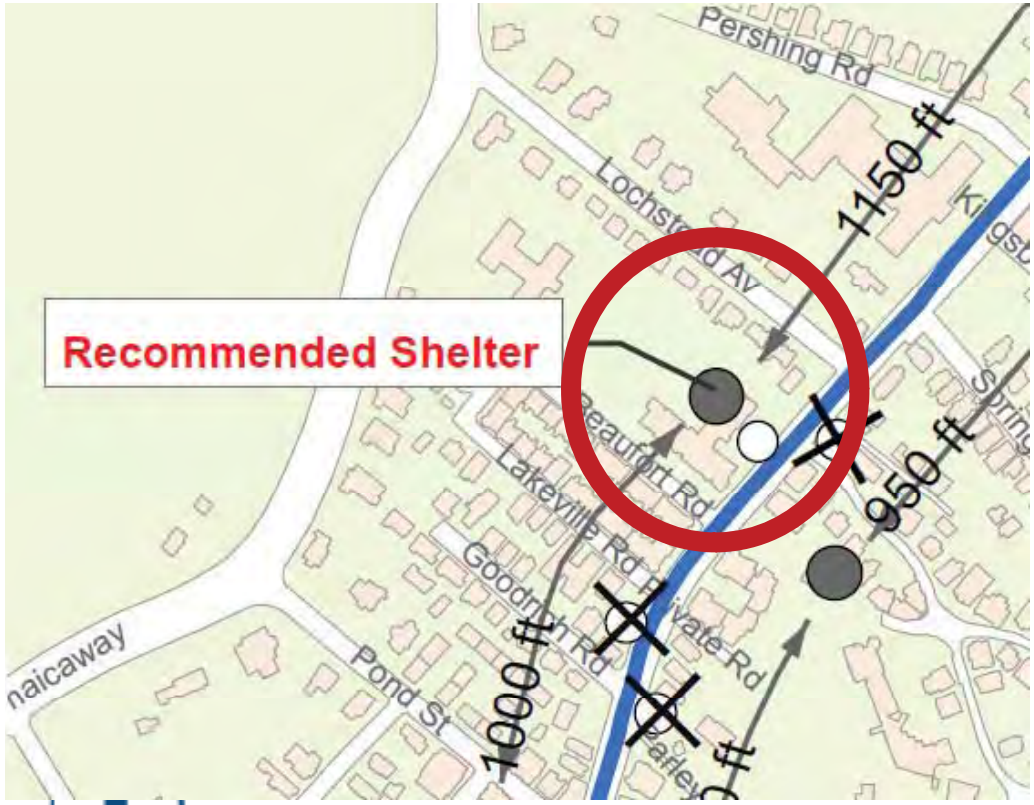
PROP BIKE LANE MARKING
PC +71; 18.5' RT
6" REVEAL
PROP DWL
R&R GRAN CURB
CENTRE STREET
BUS STOP CONSTRUCTION BASELINE
DYCL (REM)
REM BIKE LANE MARKING
SWL (REM)
PT +92; 18.5' RT
0" REVEAL
R=10'
PC +82; 28.5' RT
PT +82; 30.8' RT
0" REVEAL
PRC +84.2; 37.1' RT
6" REVEAL
PC +86.3; 44.3' RT
6" REVEAL
6' TRANSITION CURB
EXIST SIDEWALK AND CURB
GRADE TO DRAIN
MEET EXIST SIDEWALK AND CURB
6' TRANSITION CURB
PT +82; 21.6' RT
6" REVEAL
PROP 4'x6' TREE PIT
PROP GRANITE PAVERS
PROP CEM CONC SIDEWALK
PARKNG 2 HR LIM. MON.-SAT. 8 AM - 6PM (R&R TO STA 20+94 RT)
STREET LIGHT CABINET (RET)
NO STOPPING
CBCI T.G.=99.83 INV.=92.03 12" DIA (REM)
BWSC PLAQUE (REM)
NO PARKING (REM)
BIKE RACK (REM)
TPL (REM)
PAY PHONE (RET)
RECONSTRUCT BUILDING ENTRANCE
TREE (10" SYC.) (RET)
TREE (4" SYC.)
Drill Hole (Fnd.)
DMH
EMH
SMH
HH
GV
WG(BWW)
P.K.(Set)
8" SYC.
SWL
18'
19'
20
21
@ 0.5' LT

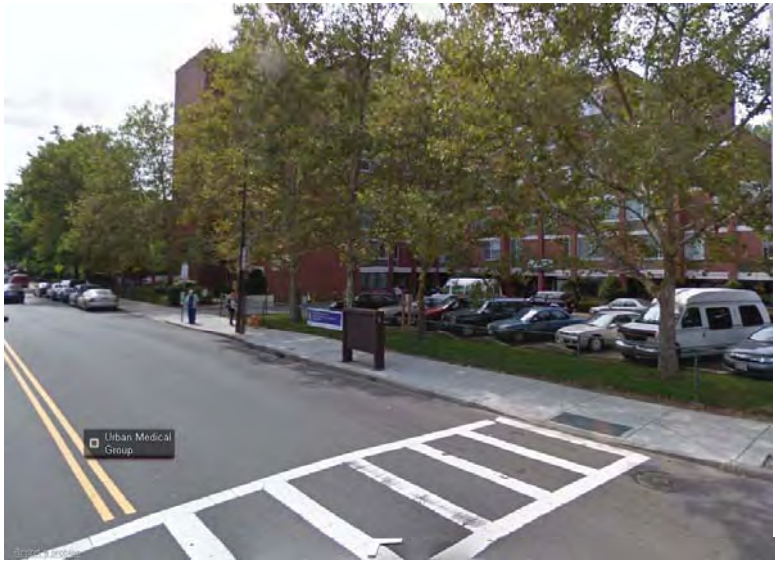
DRAFT

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
KEY BUS ROUTE IMPROVEMENT PROGRAM
ROUTE 39 BOSTON, MA
MBTA CONTRACT NO.
CENTRE ST AT ST. JOHN ST
STOP ID NO.
CURB EXTENSION PLAN

Centre St @ Lochstead Ave
Outbound at 545 Centre Street

Add Shelter.



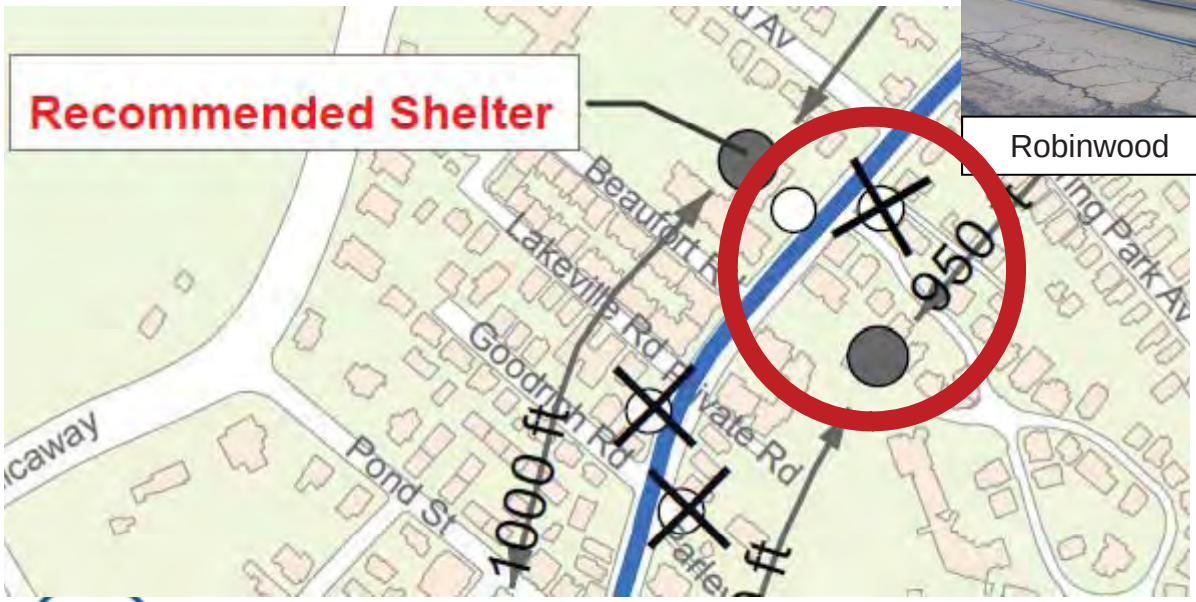


Centre St @ Parley – Inbound

Relocate stop at Robinwood to Beaufort

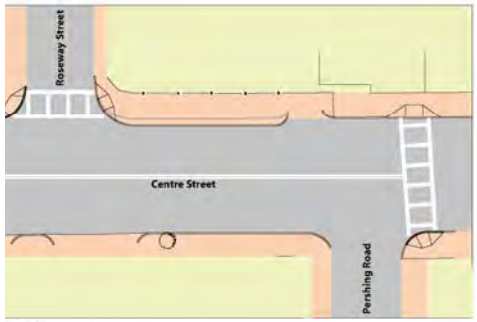
Add benches

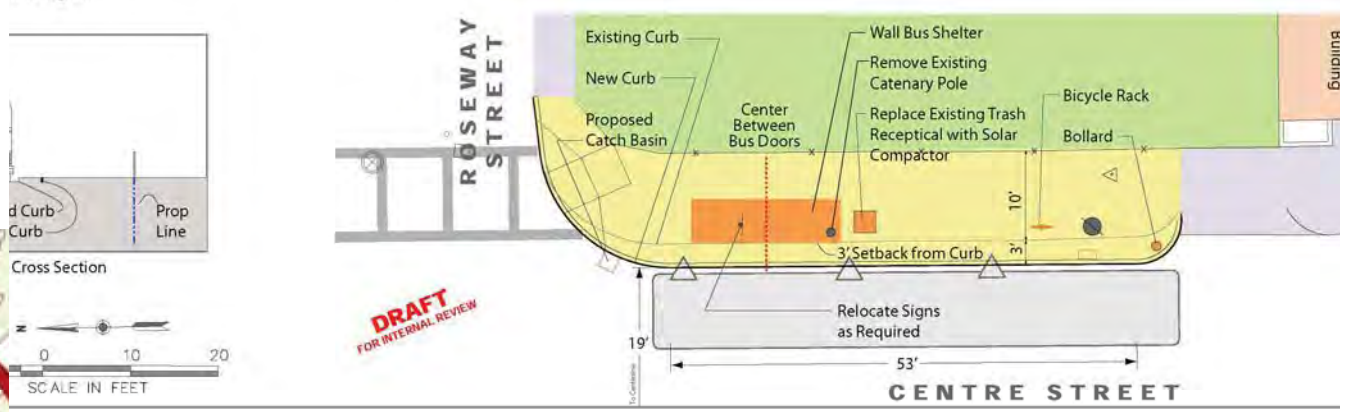
Robinwood

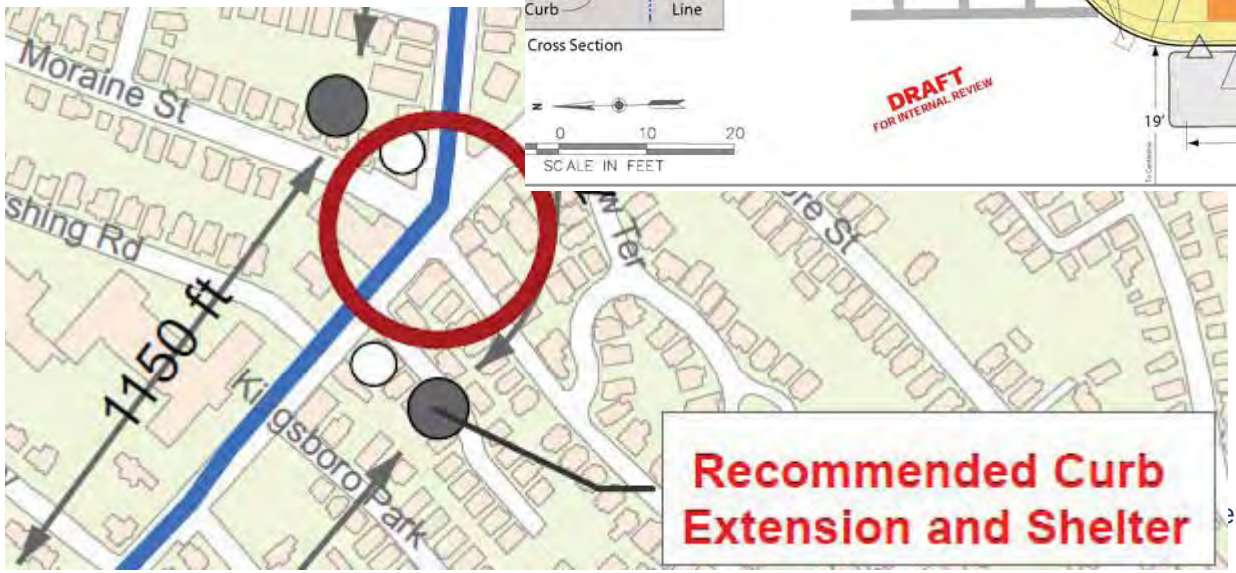


Centre St @ Roseway – Inbound

Add Curb Extension and Shelter







South Huntington at Perkins Street - Inbound

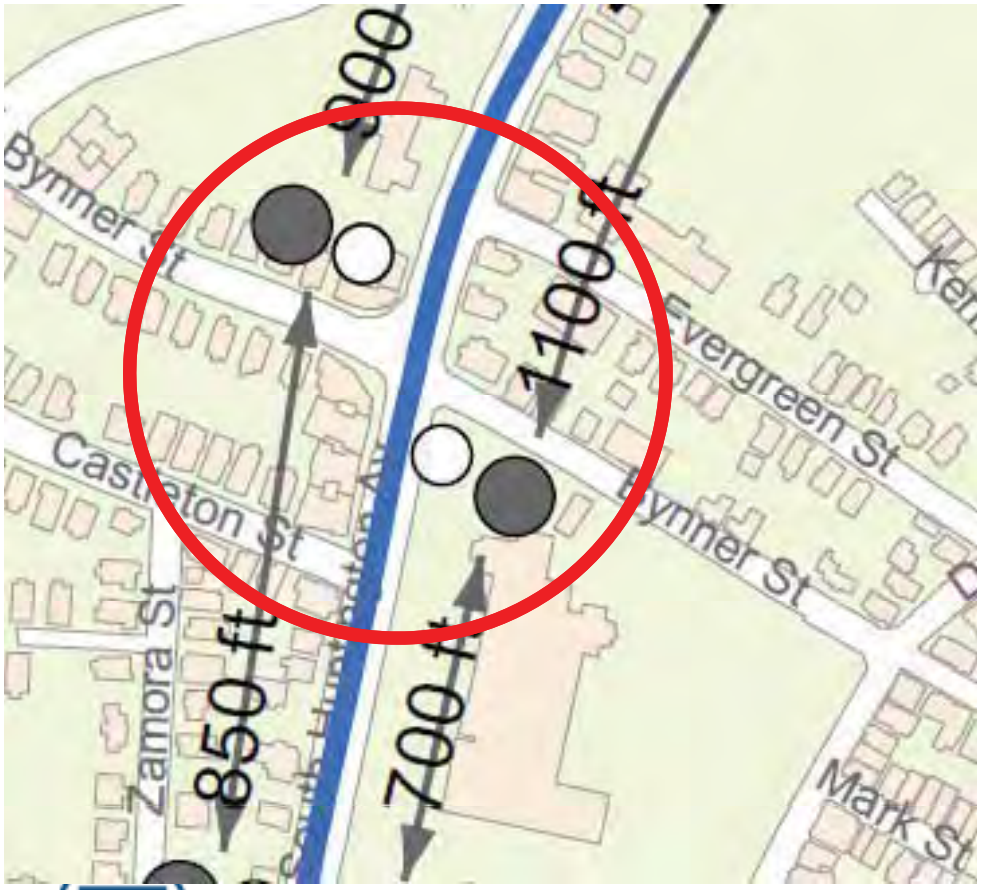
Relocate farside

Add Curb Extension & Shelter

South Huntington Ave @ Bynner St

Retain Inbound and Outbound Stops

Add Amenities

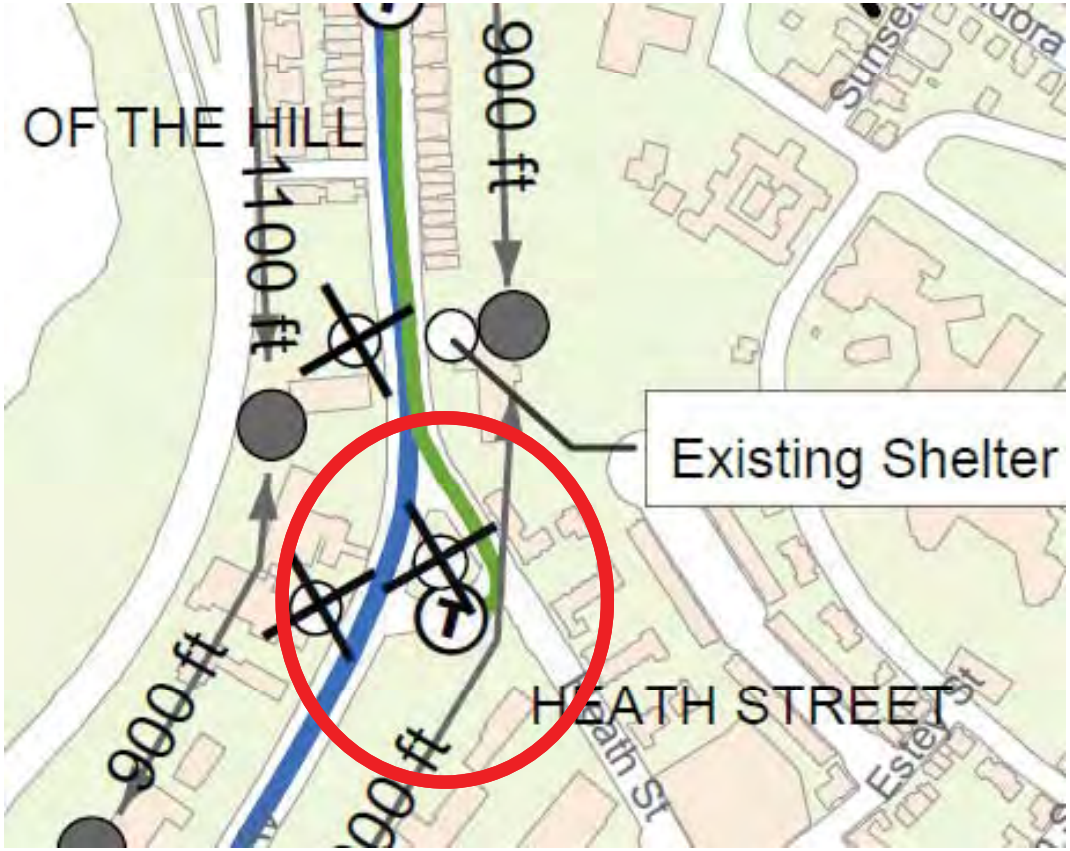


Bynner - IB

Bynner - OB

S Huntington Ave at Heath St

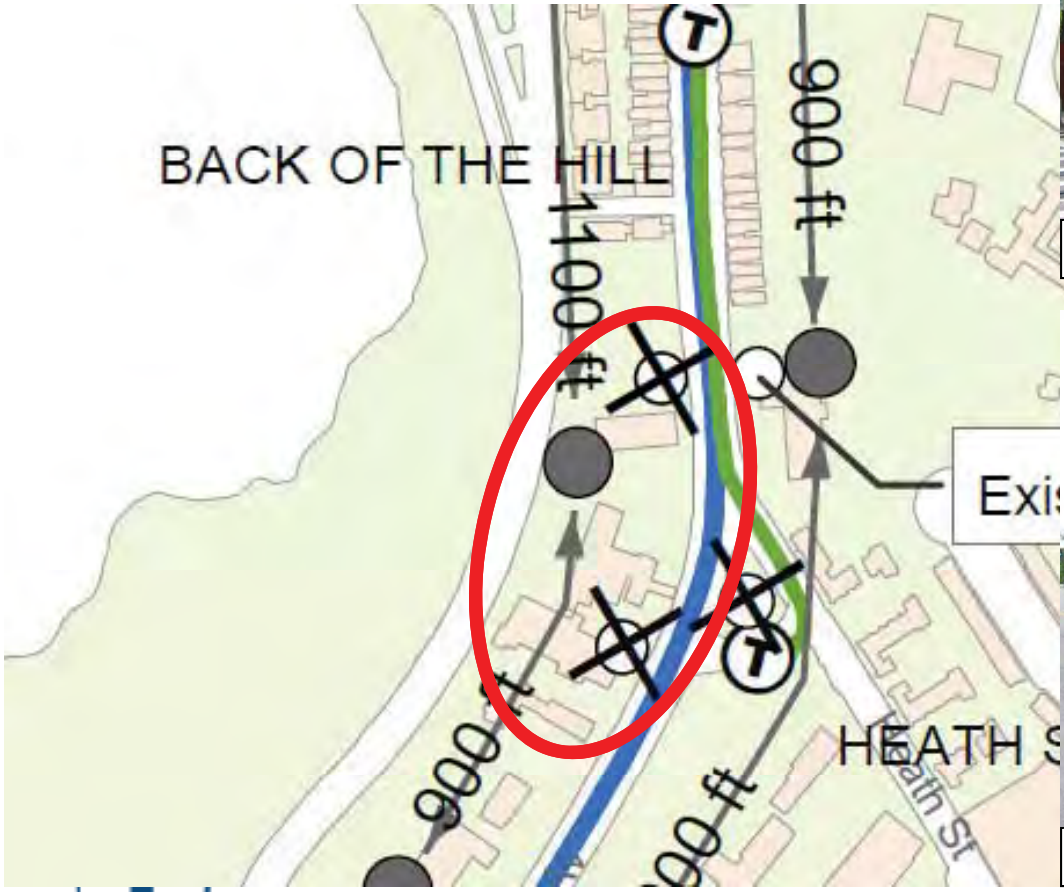
Remove Outbound Stop



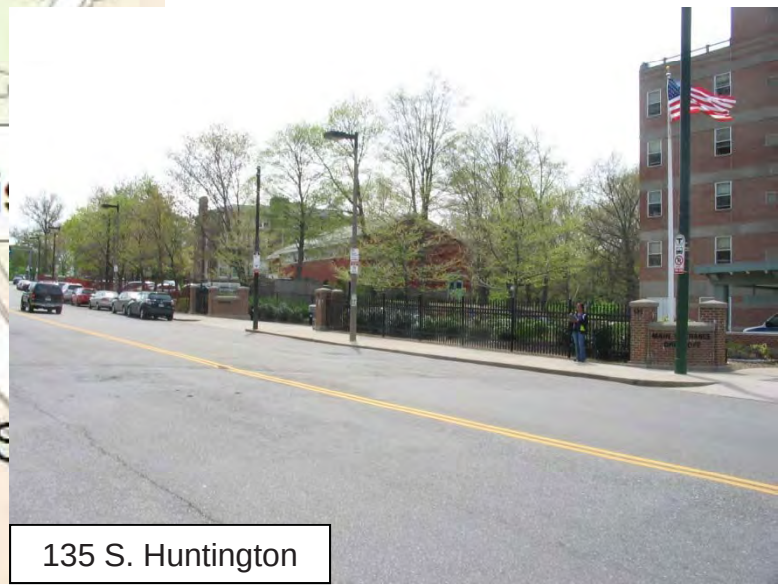
Inbound

105 & 135 South Huntington Outbound

Keep only one stop



105 S. Huntington



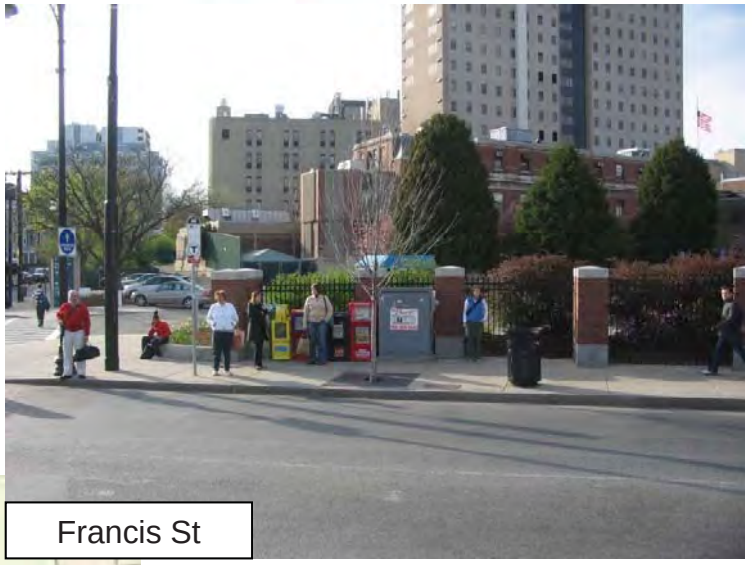
135 S. Huntington

Huntington Ave @ Mission St

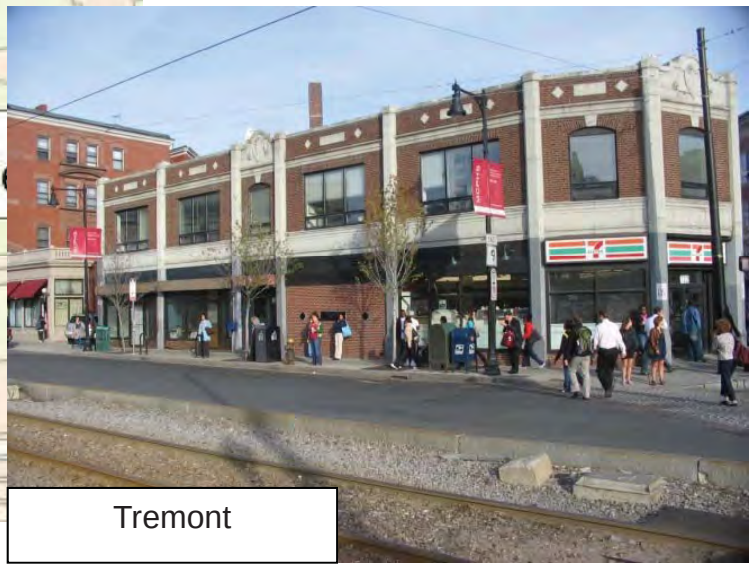
Eliminate inbound stop.

Huntington @ Francis St and Tremont

Retain outbound stop and add amenities. Use existing inbound stop with shelter.



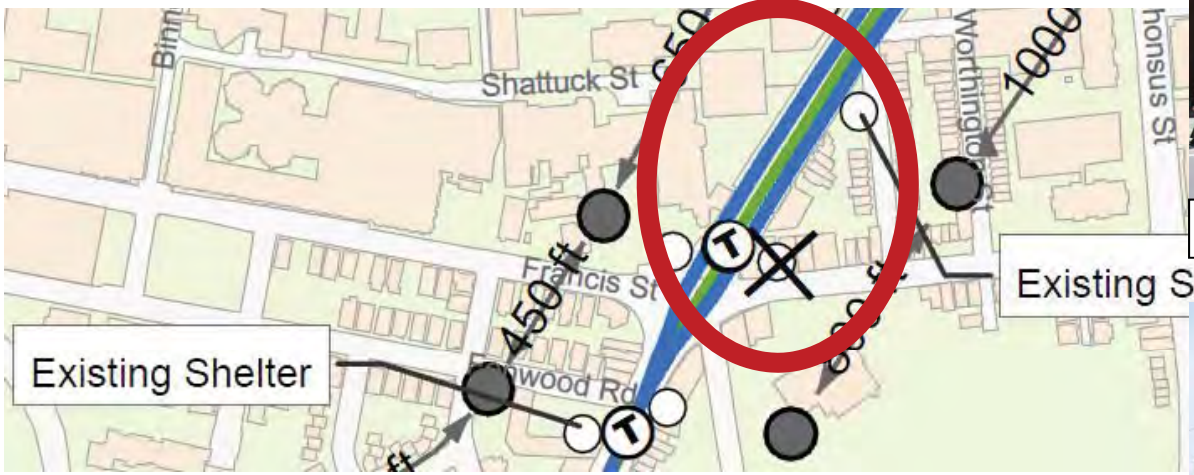
Francis St



Tremont

Wigglesworth St Opp Fenwood

Use stop with existing shelter.



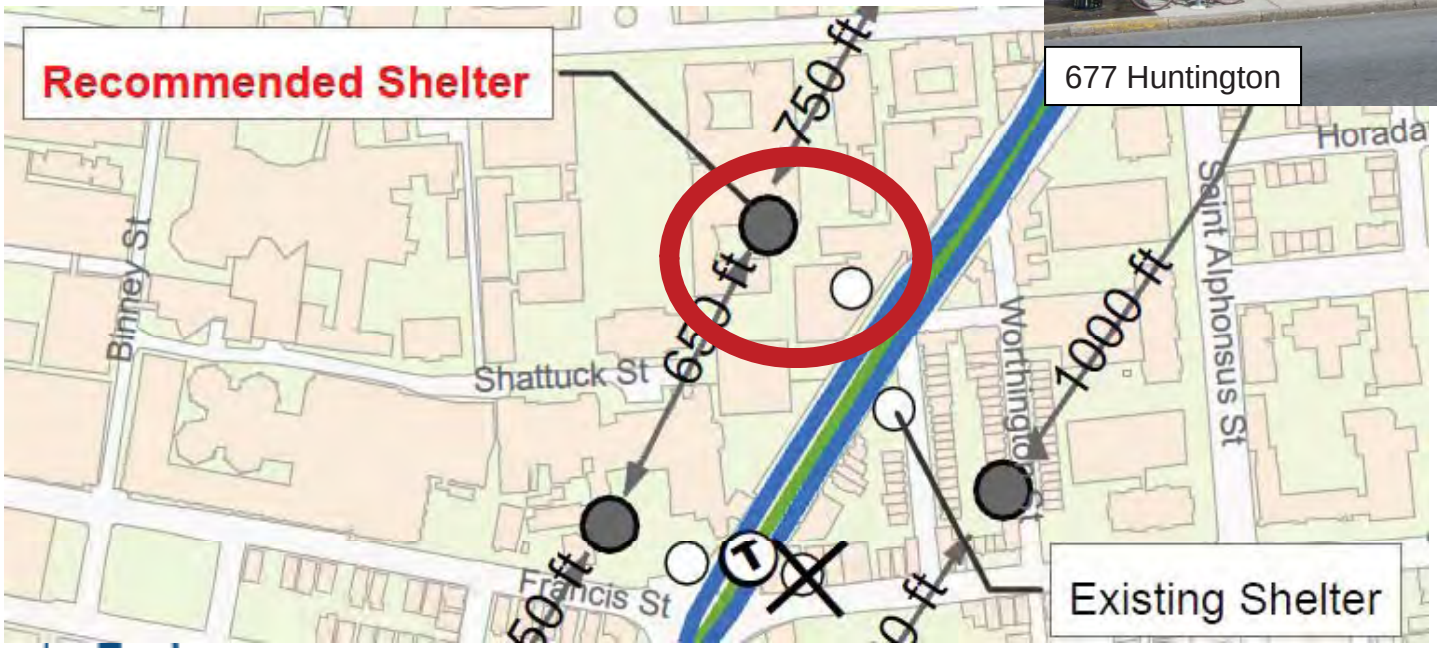
Wigglesworth

Opp Fenwood

677 Huntington Ave

Retain outbound stop, remove wall and add shelter. Use existing inbound stop with shelter.

677 Huntington



Huntington Ave at Louis Prang St

Relocate outbound farside and install shelter.

Existing

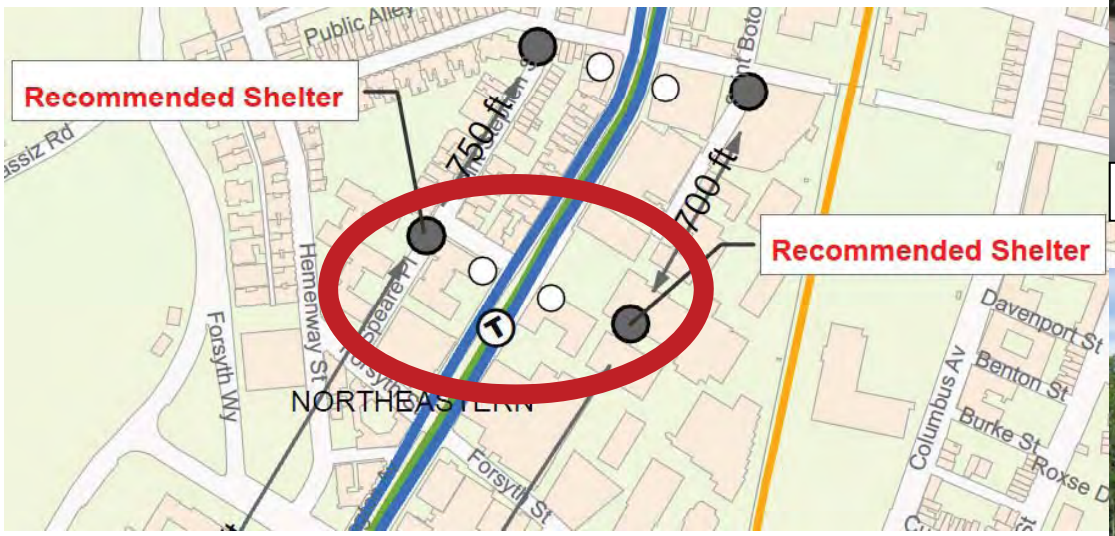
Proposed

Huntington Ave at Parker St

Use inbound stop with existing shelter.

360 Huntington Ave

Add shelter and amenities to inbound and outbound stops.



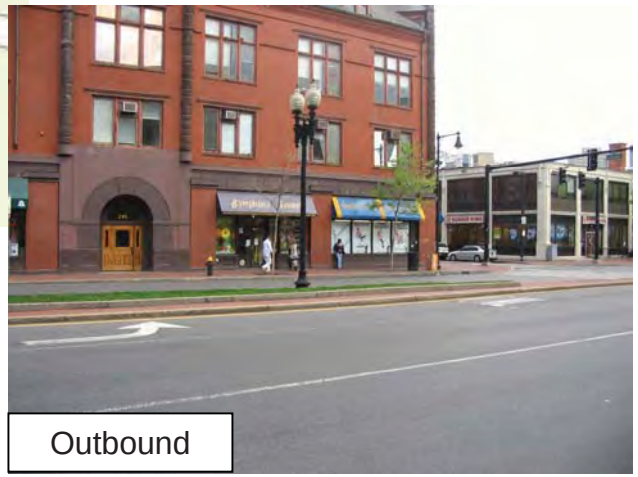
360 Huntington

Opera Place

Huntington Ave at Gainsborough

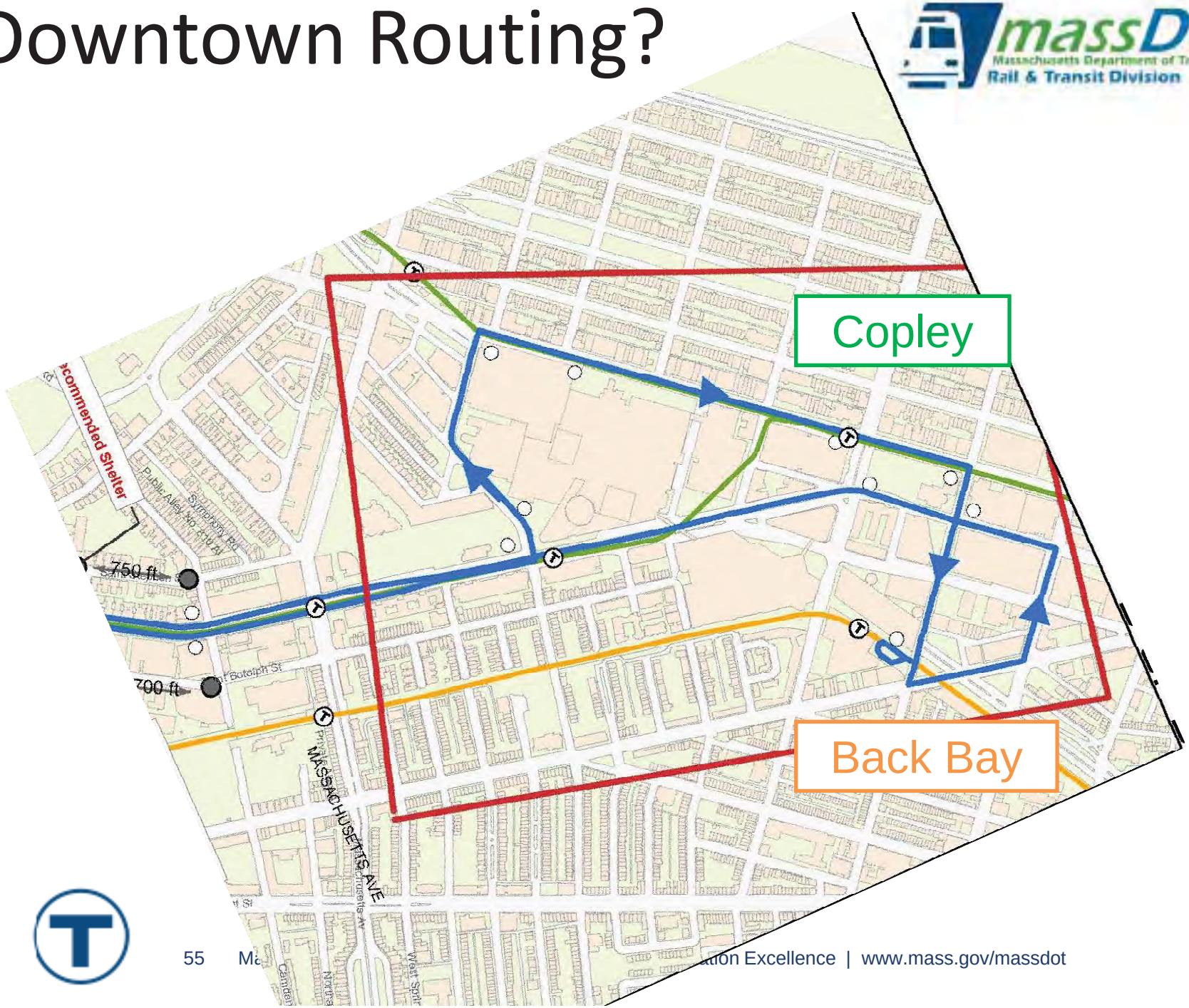
Retain existing inbound and outbound stops and add amenities.

Inbound



Outbound

Downtown Routing?



Proposed Improvement Plan

Forest Hills – Mass Ave

Improvements

Curb Extensions	4
Bus Shelters	11
Benches	17
Trash Receptacles	34
Bus Stops Marked	44
Sidewalk Improvements	7

Bus Stops

Current (Inb/Outb)	Proposed (Inb/Outb)
28/26	20/22

Note: Forest Hills – Mass Ave only

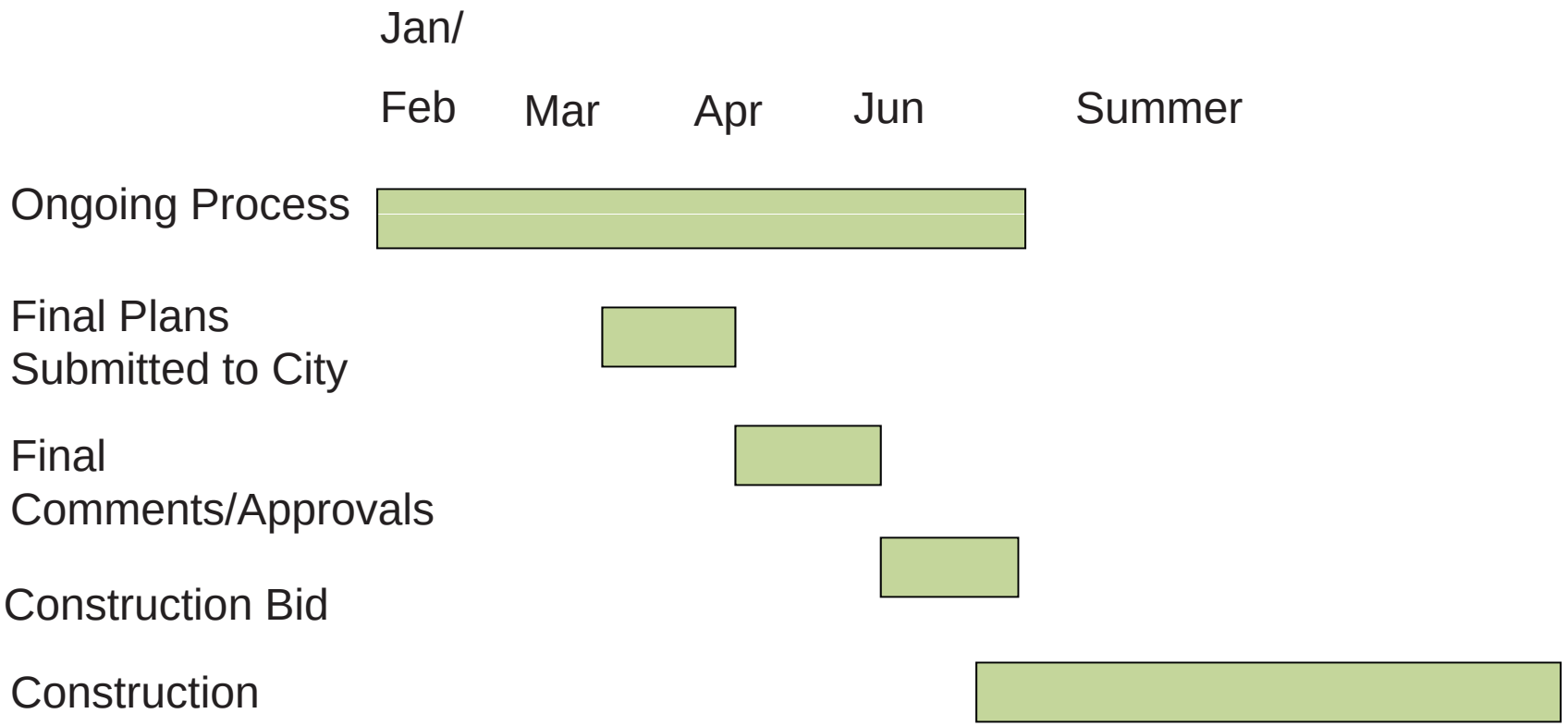
Trip Time Savings (estimated) *2–5 minutes (approx.10% Route savings)*

Trip Savings Time estimated and will vary by run and time of day

Agenda

- Welcome and introductions
- Safety briefing/Accommodations
- Route 39 History and Process
- Key Bus Route Program
- Overview and Recommendations
- Schedule and Next Steps

Project Schedule
Bus Route 39



Massachusetts Bay Transportation Authority

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About the MBTA → Transit Projects → Key Bus Route Improvement Program

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- History
- News & Events
- Career Opportunities
- ScoreCard
- Public Meetings
- Document Library
- Art Collection
- Financials
- Environment

Key Bus Route Improvement Program

Program Overview

The MBTA has designated 15 of our busiest bus routes as "Key Bus Routes". Each Key Bus Route operates at a high frequency, 7 days a week, to meet passenger demand in high-density corridors. Service operates every 10 minutes or better during weekday peak periods, every 15 minutes or better during weekday midday, and every 20 minutes or better during off-peak periods.

The goal of the Key Bus Route Improvement Program is to improve the overall quality of service for customers on these Key Bus Routes by reducing trip times; enhancing customer comfort, convenience and safety; and making the bus service more reliable and cost-effective. The 15 Key Bus Routes to be improved as part of this Program are: Routes 1, 15, 22, 23, 28, 32, 39, 57, 66, 71, 73, 77, 111, 116, and 117.

Related Links

T-Projects and Acce
T-Projects and the E
T-Projects and Tran
Development

10 Main Street
Boston, MA 02000

10 January, 2011

MBTA
45 High St,
Boston, MA 02110

To Whom It May Concern:

Thank you providing the opportunity to comment on Route 66. I ride the bus every day to and from work, despite being mobility impaired. The stop closest to my house is Harvard Avenue near the Citizens Bank. There are about 6 newspaper boxes located at the front of the stop, and parking at the back, unless there is no car parked there, which is a rare occurrence, the bus driver can't pull to the curb to deploy the ramp and allow me to board the bus. I usually have to step down onto the street walk to the bus waiting parallel to the stop. Please do something to improve this bus stop, and others like it.

Thank you.

Joe Blogs

Key Bus Route Improvement Program Route 57 - Message
To...
Cc...
Subject: Key Bus Route Improvement Program Route 57
Attach as Adobe PDF

To whom it may concern,

I would like to provide feedback on the proposal for the bus stop on Brighton Ave at Harvard Ave at Blanchards. This is a very busy stop and there is no where to sit or be sheltered from the weather. Can you please provide a bench or shelter at this stop?

Sincerely,

Jane Doe.

Overall Project Schedule

KEY BUS ROUTE	MUNICIPALITIES SERVED	PLANNING BEGINS
23	Boston	Underway
39	Boston	Underway
1	Boston, Cambridge	January 2011
57	Boston/Newton/Watertown	January 2011
66	Boston/Brookline/Cambridge	January 2011
15	Boston	February 2011
22	Boston	February 2011
28	Boston	Ongoing in coordination with RDM Transit Needs Study
32	Boston	February 2011
111	Boston/Chelsea/Revere	March 2011
116/117	Boston/Chelsea/Revere	March 2011
71	Cambridge/Watertown	April 2011
73	Cambridge/Belmont	April 2011
77	Arlington/Cambridge	April 2011

Comments and Next Steps

- Project Updates at www.mbta.com/keybusroutes
- Mail to Operations and Service Development, 45 High St, Boston, MA 02110
- Email to keybusroutes@mbta.com
- Discussion

Agenda

- Welcome and introductions
- Safety briefing/Accommodations
- Key Bus Route Program overview
- Route 39 History and Process
- Recommendations
- Schedule and Next Steps